

## **Historic, Archive Document**

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1937

FEB 20 1937  
U. S. DEPARTMENT OF AGRICULTURE

*Roman J. Irwin*

*Seeds  
Bulbs  
Plants  
Cuttings  
etc.*

**Roman J. Irwin**  
Incorporated



38 West 27<sup>th</sup> Street  
New York, N.Y.  
Telephone  
BOgardus 4-2444

CABLE ADDRESS "BULBS NEW YORK"



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# Valuable Information for the Grower

## ● *Planting Table for Cold Storage Lilium Giganteum and Flowering Dates*

PLANTING DATE	FLOWERING DATE
January 1st	April 15th to 25th
January 15th	April 25th to May 5th
February 1st	May 15th to 30th
February 15th	June 1st to 10th
March 1st	June 10th to 30th
March 15th	July 1st to 10th
April 1st	July 15th to 30th
April 15th	August 1st
May 1st	August 10th
May 15th	August 20th
June 1st	September 1st
June 15th	September 15th
July 1st	October 1st
July 15th	October 15th
August 1st	November 1st
September 1st	November 25th
September 15th	December 15th to 25th
October 1st	January 1st to 10th

If LILIUM SPECIOSUM RUBRUM or MAGNIFICUM are planted on the above dates it will take six to eight weeks longer to flower than the Lilium Giganteum.

Lilium Rubrum or Magnificum should be planted June 15th to July 1st to flower for Christmas.

The above are all approximate flowering dates. If we have extremely warm weather they may flower a week earlier. It all depends on the weather conditions.

## ● *Easter Dates for Next 10 Years*

1937—March 28th	1943—April 25th
1938—April 17th	1944—April 9th
1939—April 9th	1945—April 1st
1940—March 24th	1946—April 21st
1941—April 13th	1947—April 6th
1942—April 5th	1948—March 25th

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# 1937

## GENERAL WHOLESALE CATALOG

# Plants *and* Cuttings

# Bulbs / / Seeds / /

# Insecticides / Fertilizers / Misc.

### Price Table on Small Orders

On orders for less than one hundred, cuttings, plants or bulbs, we have to make a small additional charge to cover cost of handling, etc. See price table below for cost of 25 or 50.

Orders for 250 or more of one variety are charged at the Thousand rate.  
For other terms and information see inside back cover.

#### Prices

Per 100	\$3.00	\$3.50	\$4.00	\$5.00	\$6.00	\$7.00	\$7.50	\$8.00	\$9.00	\$10.00	\$12.00	\$12.50
50 For	1.75	2.00	2.50	3.00	3.50	4.00	4.25	4.50	5.00	5.50	6.50	6.75
25 For	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75

#### Prices

Per 100	\$14.00	\$15.00	\$16.00	\$17.00	\$17.50	\$18.00	\$20.00	\$22.50	\$25.00	\$27.50	\$30.00
50 For	7.50	8.00	8.50	9.00	9.25	9.50	10.50	11.50	13.00	14.00	15.00
25 For	4.00	4.25	4.50	4.75	5.00	5.25	5.50	6.00	7.00	7.50	8.00

### "SATISFACTION GUARANTEED"

We are located in the heart of the New York Cut Flower Market. We have six men on the road, traveling extensively in all sections east of Ohio and the South.

Our position, for over 25 years, has been of one in daily contact with the grower and his needs. This catalog, we believe, is full evidence is itself of our long established plan to render a complete service to the grower in a full line of Seeds, Bulbs, Plants, Cuttings, Insecticides, Fertilizers, etc.

At all times we invite inquiries as to prices and all other information.

If you have a surplus  
of good stock in small  
plants and cuttings,  
write us. We may be  
able to help you dis-  
pose of same.

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## FLOWER SEEDS — Selected Strains for Florists

### AGATHAEA

COELESTIS (amelloides) Blue Daisy.  
Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.20.

### AGERATUM

BLUE PERFECTION. Dark blue bedder.  
8" Tr. pkt. 15c; oz. 60c.  
BLUE BALL. An improved perfection.  
6" Tr. pkt. 15c; oz. 70c.  
BLUE CAP. Tr. pkt. 35c; 1/4 oz. 70c; oz. \$2.60.  
LITTLE BLUE STAR. Tr. pkt. 25c; 1/4 oz. 60c; oz. \$2.00.  
PURPLE PERFECTION. Tr. pkt. 15c; oz. 80c.  
LITTLE DORRIT BLUE, dwarf 6". Tr. pkt. 15c; oz. 60c.  
LITTLE DORRIT WHITE. Best dwarf white. 6".  
Tr. pkt. 15c; oz. 80c.

### ALYSSUM

MARITIMUM (Sweet Alyssum). 10".  
Tr. pkt. 10c; oz. 20c; lb. \$2.00.  
BENTHAMIA COMPACTUM ERECTUM. 9".  
Tr. pkt. 10c; oz. 40c; lb. \$3.00.  
COMPACTUM LUTESCENS. Straw yellow.  
8" Tr. pkt. 10c; oz. 40c.  
LILAC QUEEN. Tr. pkt. 15c; oz. 80c.  
LITTLE DORRIT. Tr. pkt. 15c; oz. 60c; lb. \$6.00.  
LITTLE GEM. Extra fine strain. 4".  
Tr. pkt. 15c; oz. 60c; lb. \$6.00.

### ANTIRRHINUM (Snapdragon)

"Snaps" for greenhouse forcing.  
Also fine for planting outside.

The following are \$2.00 per pkt.; 3 for \$5.00.

BEZDEK'S WHITE WONDER. The best white yet grown.  
GRANDVIEW. A very fine white.  
MARION (White), MARION GOLD, ROYAL GOLD,  
BEAUTY, SUNSET (Bronze), DAYBREAK (Briarcliff Rose  
Pink), CAPTOR (White), ROLPHS (Yellow).

The following are \$1.50 per pkt.; 4 for \$5.00:

BERTHA BAUR, SONNY (Pink), ORCHID BEAUTY,  
PINK BEAUTY, VELVET BEAUTY (Red), NEW DEAL  
(Fragrant Golden Bronze), TERRY'S SURPRISE IMP.,  
CELESTIAL (Yellow), YELLOW CHEVIOT MAID,  
WHITE PROSPERITY.

The following are \$1.00 per pkt.; 3 for \$2.50; 5 for \$3.50:

LUCKY STRIKE, NEW DAWN, COATE'S YELLOW  
PERFECTION, TERRY'S SURPRISE, AFTERGLOW,  
CHEVIOT MAID SUPREME, JUDD'S DARK PINK,  
JUDD'S LIGHT PINK, WINTER HELEN, CEYLON  
COURT, SUN TAN, CINCINNATI (Rose Pink), and all  
other standard varieties.

## Special SNAP Offer

6 Pkts. in 6 Best Colors. 1 Pkt. Each.

LUCKY STRIKE, White  
CHEVIOT MAID SUPREME  
TERRY'S SURPRISE (Bronze pink)  
COATE'S YELLOW PERFECTION  
ORCHID BEAUTY (Orchid Bronze)  
BERTHA BAUR (Lavendar)

for  
**\$5.00**

Also valuable for planting outside

### ASPARAGUS

PLUMOSOS NANUS. True flat leaf variety.

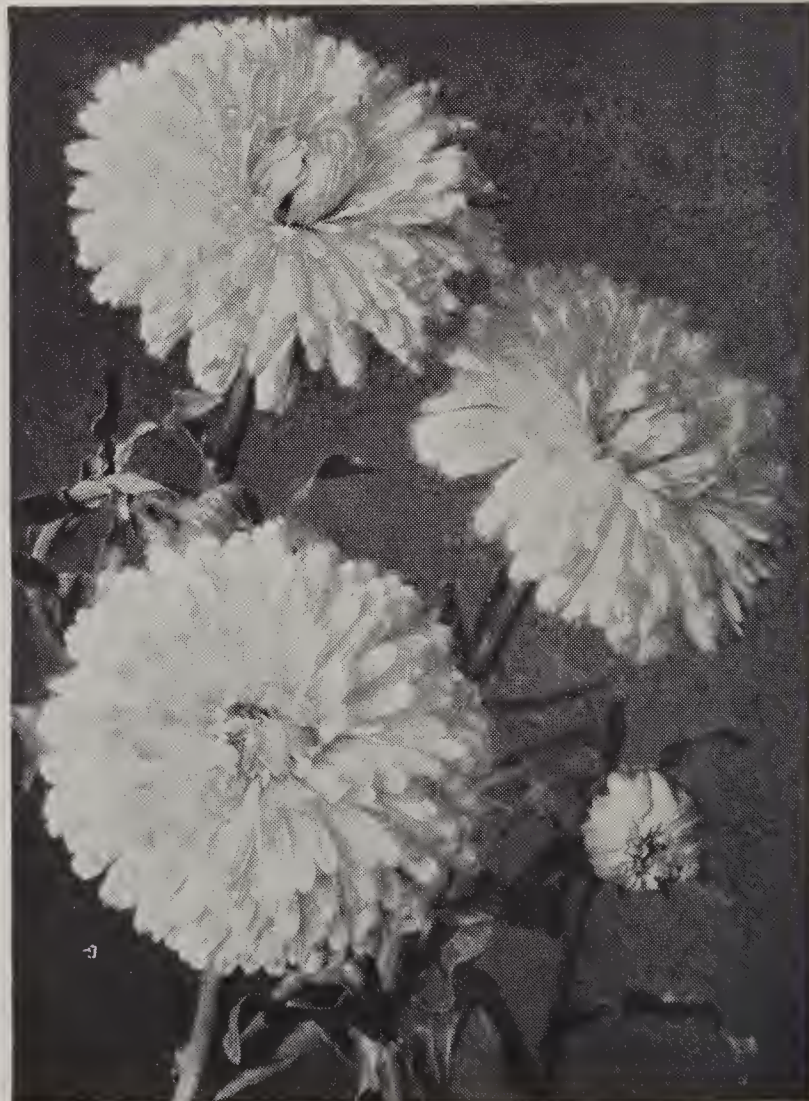
Greenhouse grown. 100 seeds 50c; 1000 seeds \$2.00  
5000 seeds \$9.50.

Lathhouse grown. 100 seeds 30c; 1000 seeds \$1.25;

1 to 5 pounds	\$6.00 per pound
6 to 10 pounds	5.50 per pound
11 to 20 pounds	5.00 per pound
21 to 50 pounds	4.50 per pound
51 to 100 pounds	4.00 per pound

SPRENGEDI SEED at same prices as above.

There are about 10,000 seeds in one pound of PLUMOSUS  
and 7,000 seeds in one pound of SPRENGERI.





## FLOWER SEEDS — Selected Strains for Florists

### ASTERS

We recommend the following Asters to Florists who want a complete succession of Asters throughout the season in all colors and best commercial varieties. Growers who grow Asters in a large way advise us the selection below is most profitable to grow. We can supply all other varieties if wanted.

#### WILT RESISTANT TYPE

QUEEN OF THE MARKET. Mid-blue; White; Dark Blue; Heart of France. Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.75.

EARLY MID-SEASON. Ball's Early White; Ball's Deep Rose; Ball's Purple; Semple Pink Improved; Ball's Phlox Pink (Lavender Pink); Royal Azure Blue; Aurora Golden Sheaf. Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.75.

LATE. Ball's Late White; American Branching Azure Blue; American Branching Purple; Super Los Angeles. Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.75.

ASTERS CHINENSIS SINGLE DAISY FLOWERING TYPE. Fine for cut flowers, in

White, Wilt Resistant. Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.50. Finest Mixed, Wilt Resistant.

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.50. Finest Mixed, Non-resistant.

Tr. pkt. 15c; 1/4 oz. 25c; oz. 65c.

#### NON-RESISTANT

IMPROVED NEW GIANT CALIFORNIA SUNSHINE. White; Pink; Lavender; Flesh.

Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.50.

LILLIPUT FLOWERED BUTTON ASTERS. Resembling Lilliput Zinnias. They sold well in the market last year. Fine for cutting and borders. Order some.

White; Rose; White with Red; White with Dark Blue; White with Rose; Fiery Scarlet; Dark Blue; Mixed.

Tr. pkt. 25c; 1/4 oz. \$1.00; oz. \$3.00.

### BEGONIA

CHRISTMAS CHEER. Red. Tr. pkt. \$1.00; 1/32 oz. \$2.20.

CHRISTMAS PINK. Warm rose pink.

Tr. pkt. \$1.00; 1/64 oz. \$2.00.

GRACILLIS LUMINOSA. Deep dark scarlet.

Tr. pkt. \$1.00; 1/32 oz. \$1.80; 1/8 oz. \$5.40.

CARMEN. Bright rose flowers, bronze foliage. Tr. pkt. \$1.00.

FIREBALL. Fiery crimson. 10". Tr. pkt. 50c; 1/32 oz. \$1.80.

PRIMA DONNA. Tr. pkt. \$1.00; 1/32 oz. \$3.00.

RADIO. Shining, pure carmine scarlet.

Tr. pkt. \$1.00; 1/32 oz. \$2.50.

WHITE PEARL. White. 10". Tr. pkt. 50c; 1/32 oz. \$1.60.

SEMPERFLORENS ALBA. White. 14".

Tr. pkt. 25c; 1/8 oz. 50c.

ALBERT MARTIN. Bright carmine.

Tr. pkt. 50c; 1/32 oz. \$1.00.

ERFORDIA. Rosy carmine. 10".

Tr. pkt. 50c; 1/32 oz. \$1.40.

G. KNAACKE. Glowing salmon pink.

Tr. pkt. \$1.00; 1/32 oz. \$1.80.

STRIEGAU.

Tr. pkt. \$1.00.

VERNON. Blood red, dark leaves. 12".

Tr. pkt. 35c; 1/16 oz. 50c.

WINTER ROMANCE. Carmine pink flowers.

Tr. pkt. \$1.00.

WUERTTEMBERGIA. Deep scarlet.

Tr. pkt. 50c; 1/32 oz. \$1.00.

### BLUE LACE FLOWER—See Didiscus

### CALCEOLARIA HYBRIDA

IRWIN'S EXTRA CHOICE MIXED. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. A superior English strain. Tr. pkt. (about 1000 seeds) \$1.00; 1/32 oz. \$3.20; 1/64 oz. \$1.80.

KELWAY'S PERFECT MODEL (Herbaceous).

Tr. pkt. \$1.00; 1/32 oz. \$3.80; 1/64 oz. \$2.00.

RUGOSA nana (Hyb).

Tr. pkt. \$1.00.

### CALENDULA

BALL'S MASTERPIECE. Extra long stemmed, deep orange with brown center.

Tr. pkt. 40c; 1/4 oz. 60c; oz. \$1.50; 4 ozs. \$5.00.

BALL'S ORANGE. Tr. pkt. 40c; 1/4 oz. 60c; oz. \$1.50.

SENSATION. Double brilliant orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.

Tr. pkt. 40c; 1/4 oz. 60c; oz. \$1.50; 4 ozs. \$5.00.

SUNSHINE. The color is a pleasant shade of clear light yellow.

Tr. pkt. 50c; 1/4 oz. 65c; oz. \$2.00.

BALL'S SUPREME. Light orange with brown eye.

Tr. pkt. 40c; 1/4 oz. 60c; oz. \$1.80; 4 ozs. \$5.00.

BALL'S GOLD. Tr. pkt. 50c; 1/4 oz. 65c; oz. \$2.00.

BALL'S LEMON QUEEN.

Tr. pkt. 40c; 1/4 oz. 60c; oz. \$1.50; 4 ozs. \$5.00.

RADIO. An English introduction. Tr. pkt. 25c; oz. 75c.

ORANGE KING. Tr. pkt. 20c; oz. 75c.

MIXED. All colors. Tr. pkt. 15c.

### CANDYTUFT

GIANT HYACINTH-FLOWERED. Select, pure white. 12". Tr. pkt. 20c; oz. 80c; lb. \$8.00.

UMBRELLATA CARMINEA. Carmine. 12".

Tr. pkt. 15c; oz. 40c; lb. \$3.20.

Alba. White. Tr. pkt. 15c; oz. 40c; lb. \$3.20.

Flesh Pink. 12". Tr. pkt. 15c; oz. 40c; lb. \$3.40.

Lilacina. Lilac. 12". Tr. pkt. 15c; oz. 40c; lb. \$3.50.

Purplea. Crimson. 12". Tr. pkt. 15c; oz. 40c; lb. \$3.20.

Queen of Italy. Rosy lilac. 10". Tr. pkt. 15c; oz. 50c.

Rose Cardinal. Rose pink. 1 ft.

Tr. pkt. 15c; oz. 50c; lb. \$4.20.

Mixed. Tr. pkt. 10c; oz. 20c; lb. \$2.00.

### CARNATION

Early and Perpetual Flowering

WHITE, YELLOW, FLESH PINK, SCARLET, MIXED.

Any of the above Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.20.

MARGARET, MALMAISON, GIANT OF NICE and CHABAUD. 1000 seeds 50c; 1/8 oz. \$1.00.

### CELOSIA

CHILDSI (Chinese Woolflower) Crimson.

2 ft. Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.20.

Deep Rose, new Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.20.

Yellow Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.20.

Mixed Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.20.

CRISTATA (Cockscomb). Tall, crimson.

Tr. pkt. 25c; oz. \$1.20.

Plumosa (Ostrich Plume) Crimson.

Tr. pkt. 25c; 1/4 oz. 35c; oz. 1.00.

Ostrich Plume. Orange. Tr. pkt. 25c; 1/4 oz. 35c; oz. \$1.00.

Pride of Castle Gould. Tr. pkt. 50c; 1/4 oz. 80c; oz. \$2.80.

Dwarf Mixed. Fine for pots. Tr. pkt. 25c.

Thompsoni magnifica, mixed. Tr. pkt. 15c; 1/4 oz. 25c; oz. 80c.

## FLOWER SEEDS — Selected Strains for Florists

### CENTAUREA

#### AMERICANA.

Lilac. Handsome. 4 ft. Tr. pkt. 10c; oz. 40c; lb. \$4.00.  
Alba. White. 4 ft. Tr. pkt. 15c; oz. 50c.

#### CANDIDISSIMA (Dusty Miller).

Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.40.

#### CYANUS (Cornflower).

Blue. Excellent cut flower variety.

Tr. pkt. 10c; oz. 40c; lb. \$4.00.

Rosea. Fine pink color. Tr. pkt. 10c; oz. 40c; lb. \$4.00.

White. Pure. Tr. pkt. 10c; oz. 40c; lb. \$4.00.

#### GYMNOCARPA. Silvery foliage.

Tr. pkt. 15c; oz. 50c; lb. \$4.00.

#### IMPERIALIS (Giant Sweet-sultan).

Alba. Tr. pkt. 15c; oz. 50c; lb. \$5.00.

Amaranth. Splendid new color.

Tr. pkt. 15c; oz. 50c; lb. \$5.00.

Brilliant Rose.

Tr. pkt. 15c; oz. 50c; lb. \$5.00.

Deep Lavender.

Tr. pkt. 15c; oz. 50c; lb. \$5.00.

Favorita. Rosy Lilac.

Tr. pkt. 15c; oz. 50c; lb. \$5.00.

Lilacina.

Tr. pkt. 15c; oz. 50c; lb. \$5.00.

Splendens. Dark Purple. Tr. pkt. 15c; oz. 50c; lb. \$5.00.

Mixed Colors. Tr. pkt. 10c; oz. 40c.

#### SUAVAELENS (Sweet Sultan). Canary Yellow. 2 ft.

Tr. pkt. 10c; oz. 40c; lb. \$4.40.



CHRYSANTHEMUMS—Single Flowered

### CHRYSANTHEMUM

JAPONICUM. Single flowered, in distinct colors and intermediate shades. Tr. pkt. \$1.00.

### CHRYSANTHEMUM—Continued

DOUBLE ANEMONE. Flowered-type. In a wide range of richest colors. Tr. pkt. \$1.00.

Try some of both types if you want something striking and different in "Mums."

CARINATUM BURRIDGEANUM. White and crimson with yellow ring. 20". Tr. pkt. 10c; oz. 30c.

Eclipse (Chameleon). Brown and yellow.

Tr. pkt. 10c; oz. 30c.

Golden Feather. Yellow foliage, fine. 20".

Tr. pkt. 15c; oz. 60c.

Northern Star. Giant white flowers. Tr. pkt. 10c; oz. 30c.

Purpleum (W. E. Gladstone). Tr. pkt. 10c; oz. 30c.

The Sultan. Dark copper yellow ring. 20".

Tr. pkt. 10c; oz. 30c.

#### CORONARIUM.

Double Golden Yellow. 4 ft.

Tr. pkt. 10c; oz. 20c.

Double White. 4 ft.

Tr. pkt. 10c; oz. 20c.

Nanus Coronet. Single.

Tr. pkt. 15c; oz. 60c.

Nanus Golden Queen. Compact habit.

Tr. pkt. 15c; oz. 60c.

FRUTESCENS (Paris Daisy). White. 30".

Tr. pkt. 15c; oz. 60c.

CASCADE or BALCONY. Should be grown in hanging basket or in a pot set high to allow the plant to develop to full beauty. Tr. pkt. 50c.

SEGETUM (Eastern Star). Light yellow.

Tr. pkt. 10c; oz. 30c.

ELDORADO. Bright canary yellow.

Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.40.

Gloria (Morning Star). Primrose flowers. 20".

Tr. pkt. 10c; oz. 30c.

Helios (Evening Star). Golden yellow.

Tr. pkt. 10c; oz. 30c.

DOUBLE AND SINGLE MIXED. Annual sorts.

Tr. pkt. 15c; oz. 60c.

### CINERARIA

CREMER'S. Prize strain.

Tr. pkt. \$1.00; 1/32 oz. \$4.50; 1/16 oz. \$8.00.

MULTIFLORA NANA MAXIMA. Mixed.

Tr. pkt. \$1.00; 1/32 oz. \$2.80.

POTSDAM. Strain (Berlin market).

Tr. pkt. \$1.00; 1/64 oz. \$1.60; 1/32 oz. \$2.80.

MARITIMA CANDIDISSIMA. For bedding.

Tr. pkt. 15c; oz. 40c.

MARITIMA DIAMOND. Leaves pure white.

Tr. pkt. 15c; oz. 50c.

### COLEUS

EXTRA CHOICE. Large leaved, mixed.

Tr. pkt. 50c; 1/16 oz. 75c; 1/8 oz. \$1.20; oz. \$8.00.

RAINBOW MIXTURE.

Tr. pkt. 50c; 1/16 oz. \$1.50; 1/4 oz. 50c; 1 oz. \$1.50.

### COSMOS

#### Cosmos SENSATION

New mammoth flowering. Produces a bloom about 4 inches across in about 10 weeks from sowing. A prominent Chicago florist writes: "If you want to put your customers onto something that will give them a pink or white flower with a good stem and something they never get through cutting during the summer, then you cannot go far wrong."

Tr. pkt. 25c; oz. \$1.50.



## FLOWER SEEDS — Selected Strains for Florists

### COSMOS—Continued



EARLY FLOWERING MAMMOTH. White, Pink or Crimson, each. Tr. pkt. 10c; oz. 40c; lb. \$4.00.

Mixed. All colors. Tr. pkt. 10c; oz. 30c; lb. \$2.40.

#### EARLY EXPRESS.

Crimson. Tr. pkt. 25c; oz. \$1.20.

Pink. Tr. pkt. 25c; oz. \$1.20; lb. \$12.00.

White. Tr. pkt. 25c; oz. \$1.20.

DOUBLE EARLY FLOWERING. Pink, White, Red.

Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.00.

ORANGE FLARE (Early Klondike).

Tr. pkt. 40c; 1/4 oz. 60c; oz. \$2.25.

### CYCLAMEN

CYCLAMEN—BINNEWIES STRAIN (none better)

In Original Packets

No. 1. Dark Blood Red per 100 \$1.25; per 1000 \$10.00.

No. 2. Bright Red per 100 \$1.25; per 1000 \$10.00.

No. 3. Pure Rose per 100 \$1.25; per 1000 \$10.00.

No. 4. Soft Rose with carmine Eye. (Impr. Rose of Marienthal.) per 100 \$1.25; per 1000 \$10.00.

No. 5. White with carmine Eye per 100 \$1.25; per 1000 \$10.00.

No. 6. Pure White per 100 \$1.25; per 1000 \$10.00.

No. 7. Bonfire (Brilliant Salmon) per 100 \$1.65; per 1000 \$15.00.

No. 8. Salmon Scarlet (America Improved) per 100 \$1.75; per 1000 \$16.00.

No. 9. New Salmon Rose Improved per 100 \$1.40; per 1000 \$12.00.

### CYCLAMEN—Continued

No. 10. Salmon color—dark. (Glory of Wandsbek or Perle of Zehlendorf) per 100 \$1.40; per 1000 \$12.00.

No. 11. Salmon color—light. (Rose of Zehlendorf) per 100 \$1.40; per 1000 \$12.00.

No. 12. Orange Beauty, orange vermillion extra per 100 \$2.00; per 1000 \$17.00.

No. 13. Rokoko erecta. Dark Red, Light Red Cattleya, Carmine Red, Carmine Rose, White with carmine Eye, Pure White, Salmon color per 100 \$1.40; per 1000 \$12.00.

No. 14. Morning Red per 100 \$1.40; per 1000 \$12.00.

No. 15. Saffron Red per 100 \$1.25; per 1000 \$11.00.

No. 16. Saffron Red (silver edged) per 100 \$1.25; per 1000 \$11.00.

No. 17. Striatta, mixed varieties. per 100 \$1.25; per 1000 \$11.00.

No. 18. Mozart, deep Pink. (Novelty) per 100 \$2.00; per 1000 \$17.00.

No. 19. Lavender color per 100 \$1.25; per 1000 \$10.00.

No. 20. New ruffled in different colors per 100 \$2.25; per 1000 \$20.00.

No. 21. Pink pearl, Salmon Pink. (Novelty) per 100 \$2.00; per 1000 \$17.00.

### DAHLIA SEED—(Novelty)

#### NEW COLTNESS HYBRIDS MIXED.

Tr. pkt. 50c; 1/4 oz. 75c; oz. \$2.00.

Sow seed in January or February, repot into 2 1/4 inch pots and plant out early in the Spring. They will flower all Summer long. Very effective for bouquets, funeral work, etc.



CYCLAMEN

## FLOWER SEEDS — Selected Strains for Florists

### DELPHINIUM

BLACKMORE & LANGDON STRAIN.

Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.00; lb. \$40.00.

WREXHAM STRAIN (Hollyhock Delphinium).

Tr. pkt. \$1.00; 1/4 oz. \$1.50; oz. \$5.00; lb. \$64.00.

BELLADONNA. Light blue improved.

Tr. pkt. 50c; oz. \$1.80; lb. \$24.00.

BELLAMOSUM. Dark Blue.

Tr. pkt. 50c; oz. \$1.60; lb. \$22.00.

SUMMER CLOUD. New White.

1/8 oz. \$1.00; 1/4 oz. \$1.75; 1/2 oz. \$3.00; oz. \$5.00

### DIANTHUS (Pinks)

SWEET WIVELSFIELD. Hardy annual of wonderful colorings.  
Tr. pkt. 25c; 1/4 oz. 50; oz. \$1.60.

### DIDISCUS

CAERULEUS (Lavender Laceflower). 3 ft.

Tr. pkt. 20c; oz. 80c; lb. \$8.50.

### DRACAENA

AUSTRALIS.

Tr. pkt. 15c; oz. 80c; lb. \$8.00.

INDIVISA.

Tr. pkt. 10c; oz. 40c, lb. \$4.40.

### ESCHSCHOLTZIA (California Poppy)

MANDARIN. Deep Orange. 16".

Tr. pkt. 10c; oz. 40c; lb. \$4.00.

### EUPHOREIA

HETEROPHYLLA (Mexican Fire Plant). 3 ft.

Tr. pkt. 15c; oz. 60c.

VARIEGATA (Snow-on-the-mountain)

Tr. pkt. 10c; oz. 40c; lb. \$4.00.



EXACUM AFFINE—A Valuable Pot Plant 6 to 8 inches High.

### EXACUM AFFINE

Valuable pot plant (6-8"). See illustration and send for cultural instructions. Tr. pkt. \$1.00.

### FERN SPORES

ASPIDIUM CYRTOMIUM FALCATUM, A. C. FALCATUM FORTUNEI, A. C. ROCHEFORDIANUM, A. TSUSSIMENSE, DICKSONIA CICUTARIA, POLYPODIUM AUREUM, PTERIS ARGYRAEA, P. CRETICA ALBO-LINEATA, P. CRETICA CRISTATA, P. C. MAYI, P. C. ouvardi, P. ENSIFORMIS VICTORIAE, P. TREMULA, P. CRETICA WILSONI, P. C. WIMSETTI, P. C. W. MULTICEPS.

Any of the above, tr. pkt. 75c.

See Matricaria. FEVERFEW.

### FORGET-ME-NOT (Myosotis)

VICTORIA. Dwarf globular strain. Sky Blue.

Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.20.

INDIGO BLUE. Fine dark blue.

Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.20.

DISSITIFLORA. Rich blue, early and compact. 1 ft.

Tr. pkt. 35c; 1/4 oz. 85c; oz. \$3.00.

OBLONGATA PERFECTA. Early and late flowering. Flowers with a white center. 1 ft.

Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.40.

OBLONGATA (Blue Bird).

Tr. pkt. 35c; 1/4 oz. 90c; oz. \$3.20.

HYBRIDA ISOLDE KROTZ. Bright blue; good for pots. 10".

Tr. pkt. \$1.00; 1/32 oz. \$1.80.

HYBRIDA, RUTH FISHER.

Tr. pkt. 75c.

HYBRIDA, MARGA SACHER. Deep sky blue.

Tr. pkt. 75c; 1/32 oz. \$1.20.

### GERBERA

Our seed is grown by the most careful grower we know of.

SEPARATE COLORS. Pink, Rose, Coral, Yellow, Red, Orange. 100 seeds 75c; 1000 seeds \$3.50.

MIXED COLORS. 100 seeds 60c; 1000 seeds \$3.00.

### GLOEE-AMARANTH (Gomphrena)

MIXED.

Tr. pkt. 10c; oz. 25c.

GLOBOSA. Red purple, white flesh, and pink.

Tr. pkt. 10c; oz. 25c; lb. \$2.40.

ORANGE (Haageana). Flower looks like a ripe strawberry.

Pkt. 15c; oz. 40c; lb. \$3.60.

### GLORY-OF-THE-SUN

See Leucocoryne ixiioides.

### GLOXINIA

NEW VELVET. Beauty. Crimson. Leaves are flexible, will not crack. Tr. pkt. \$1.00.



## FLOWER SEEDS — Selected Strains for Florists

## GODETIA

GLADIOLUS-FLOWERED DOUBLE MIXED. The flowers are double and should be cut before fully opened. Do not use any fertilizer. 24". Tr. pkt. 15c; oz. 60c.

## GOURDS

In all varieties and mixed. Tr. pkt. 10c; oz. 40c.

## GREVILLEA

ROBUSTA (Silk Oak). Tr. pkt. 20c; oz. 80c; lb. \$8.00.



DOUBLE GYPSOPHILA

## GYPSOPHILA

GIANT FLOWERING. Irwin's Special Strain.

Tr. pkt. 10c; 1 oz. 20c; 4 oz. 50c; lb. \$1.25; 5 lbs. \$5.00

ROSEA Tr. pkt. 30c; 4 oz. \$1.00.

PANICULATA ALBA. Single.

1/4 oz. 25c; oz. 50c; 4 oz. \$1.50.

PANICULATA ALBA. Double.

1/16 oz. 50c; 1/8 oz. \$1.00; 1/4 oz. \$1.50; oz. \$5.00.

## HELIOTROPE

FINEST MIXED. Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00.

## IPOMOEA

NOCTIFLORA (Moonflower). White seeded.

Tr. pkt. 10c; oz. 40c; lb. \$3.20.

NOCTIFLORA. Black seeded.

Tr. pkt. 10c; oz. 40c; lb. \$3.20.

EARLY FLOWERING HEAVENLY BLUE. A good seller.

Tr. pkt. 25c; oz. \$1.40.

## KALANCHOE globulifera

COCCINEA. 12". Bright scarlet flowers. Very choice pot plant. Tr. pkt. 75c; 3 pkt. \$2.00.

## LANTANA hybrida

MIXED.

Tr. pkt. 15c; oz. 50c; lb. \$5.00.

## ANNUAL LARKSPUR

GIANT IMPERIAL. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting.

Tr. pkt. oz. lb.

25c \$1.00 \$10.00

Blue Spire. Dark blue.

25c \$1.00 \$10.00

Gloria. Deep rose.

25c \$1.00 \$10.00

Lilac Spire.

25c \$1.00 \$10.00

Daintiness. Lavender.

25c \$1.00 \$10.00

Miss California. Salmon.

25c \$1.00 \$10.00

White Spire. Pure white.

25c \$1.00 \$10.00

Exquisite Pink. Salmon.

25c \$1.00 \$10.00

Exquisite Rose.

25c \$.80 \$ 8.00

STOCK FLOWERED.

LOS ANGELES. Salmon rose.

25c \$.50 \$ 5.50

ROSAMOND.

25c \$.50 \$ 5.50

## LEMON-VERBENA

(Aloysia citriodora). Tr. pkt. 35c; 1/4 oz. \$1.85; oz. \$3.00.

## LILIUM

PHILIPPINENSE FORMOSANUM. If seed is sown in Spring, will bloom in September. Large umbrells of fine white, like an Easter Lily.

Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.00; lb. \$22.00.

REGALE (Regal Lily). Tr. pkt. 25c; oz. 80c; lb. \$8.00.

## LEUCOCORYNE

IXIODES ODORATA (Glory of the Sun). Heads of large, fragrant flowers, blue with white center, carried gracefully on a wiry 18" stem. Culture the same as for Freesias.

100 seeds, \$1.00; 1000 seeds \$8.00; 1/8 oz. \$10.00.

## LOBELIA

CRYSTAL PALACE COMPACTA. 4".

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.80.

Pumila Splendens. Bedding Queen. Dark blue, white eye, dwarf. 4".

Tr. pkt. 25c; 1/4 oz. 60c; oz. \$2.00.

PENDULA, HAMBURGIA. Good for hanging baskets, sky blue, white eye.

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.80.

## LUPINUS

Free flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea shaped flowers; valuable for cutting to follow "Mums" or Sweet Peas as a "catch crop."

IRWIN'S SPECIAL BLUE. Greenhouse forcing, flower in four months after sowing. A favorite in the New York market.

oz. 50c; 1/4 lb. \$1.25; lb. \$5.00.

IRWIN'S SPECIAL YELLOW. For forcing. Oz. 50c.

HARTWEGI, DARK BLUE. Oz. 30c.

Light Blue, Oz. 30c; Roseus, Oz. 30c; Albus, Oz. 30c;

Mixed, Oz. 25c.

## MARIGOLD

GUINEA GOLD. Tr. pkt. 25c; oz. \$1.25; 1/4 lb. \$4.00.

YELLOW SUPREME. Guinea Gold type.

Tr. pkt. 25c; oz. \$1.25.

AFRICAN GIANT ORANGE "Alldouble."

Orange.

Tr. pkt. 25c; oz. \$1.50; 1 lb. \$5.00

Lemon.

Tr. pkt. 25c; oz. \$1.50; 1 lb. \$5.00



## FLOWER SEEDS — Selected Strains for Florists

### MARIGOLD—Continued

- AFRICAN TALL GOLD BALL.  
Tr. pkt. 15c; oz. 75c; 1/4 lb. \$2.50.  
AFRICAN TALL ORANGE BALL.  
Tr. pkt. 15c; oz. 75c; 1/4 lb. \$2.50.  
AFRICAN TALL LEMON BALL.  
Tr. pkt. 15c; oz. 75c; 1/4 lb. \$2.50.  
DIXIE SUNSHINE. Golden yellow.  
Tr. pkt. 25c; 1/4 oz. 60c 1 oz. \$2.00  
FRENCH TALL DOUBLE. Orange, Lemon, Dark Brown.  
Tr. pkt. 15c; oz. 60c; 1/4 lb. \$1.50.  
SINGLE DWARF LEGION OF HONOR (Little Brownie).  
Tr. pkt. 15c; oz. 50c; 1/4 lb. \$1.50.  
SINGLE DWARF GOLD STAR and STAR OF INDIA.  
Tr. pkt. 15c; oz. 50c; 1/4 lb. \$1.50.  
SINGLE SIGNATA PUMILA (Tagetes).  
Tr. pkt. 25c; oz. \$1.00.

### A Real Novelty LEIB'S MARIGOLD

LIEB'S WINTER FLOWERING. Originators green house grown seed. Tr. pkt. 60c.

### MATRICARIA

- CAPENSIS ALBA PLENISSIMA. Best white.  
Tr. pkt. 15c; oz. 50c; lb. \$4.80.  
GOLDEN BALL Yellow. Tr. pkt. 25c; 1/4 oz. 45c; oz. \$1.60.

### MIGNONETTE

NEW YORK MARKET. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce spikes up to 20 inches long, according to the quality of the soil, weather and treatment.  
Tr. pkt. \$1.00; 1/4 oz. \$2.25; oz. \$6.00.

### MOONFLOWER

See Ipomoea.

### MYOSOTIS

See Forget-Me-Not.

### NASTURTIUM

- GLORIOUS GLEAM Hybrids. Semi-double.  
1 oz. 35c; 1/4 lb. 75c; 1 lb. \$2.50.  
GOLDEN GLEAM. Semi-double. Fragrant.  
1 oz. 15c; 1/4 lb. 35c.  
SCARLET GLEAM. Single fragrant. 1 oz. 25c; 1/4 lb. 75c.  
ORANGE GLEAM. 1/4 oz. 25c; 1 oz. 85c.

### PAPAVER (Poppy)

- AMERICAN LEGION. Orange scarlet flowers, are remarkable keepers. Tr. pkt. 15c; oz. 40c.  
ORIENTAL SCARLET. Tr. pkt. 25c; oz. 80c.  
ORIENTAL MIXED. Tr. pkt. 25c; oz. 80c.

### PANSIES Up-to-the-Minute Varieties



PANSIES ARE HALF SIZE

GROW THE I. H. M's. WORLD'S GIANT PANSIES. Without doubt the best greenhouse variety strain in America.  
Tr. pkt. 1000 seeds \$1.50; 1/4 oz. \$5.00; 1/2 oz. \$9.00; 1 oz. \$16.00.

IRWIN'S FINEST EXHIBITION MIXTURE. A mixture of the finest exhibition Pansies grown in this country.

1/8 oz. \$2.00; 1/4 oz. \$3.50; 1/2 oz. \$6.50; oz. \$12.00.

IRWIN'S GIANT FLORIST MIXTURE.

1/8 oz. \$1.00; 1/4 oz. \$1.75; 1/2 oz. \$3.00; oz. \$6.00.

SWISS GIANT MIXED.

1/8 oz. \$1.00; 1/4 oz. \$1.75; oz. \$6.00.

STEELE'S GIANT MASTODON.

Irene. New henna red.

1/16 oz. 65c; 1/8 oz. 1.00; 1/4 oz. \$2.00; oz. \$7.00.

Volcano. Rich velvety Burgundy red.

1/16 oz. 65c; 1/8 oz. \$1.00; 1/4 oz. \$2.00; 1/2 oz. \$3.75; oz. \$7.00.

GIANT MASTODON.

Deep Yellow, Dark Eye, White with dark eye, Elk's purple, Light Blue, Pure Yellow, Black, Improved Beaconfield, Wine, Pink and Red shades, Bronze, Pure White.

1/16 oz. 50c; 1/8 oz. \$1.00; 1/4 oz. \$1.75; 1/2 oz. \$2.75; oz. \$5.00.

STEELE'S MASTODON; MIRACLE MIXED.

1/16 oz. 65c; 1/8 oz. \$1.00; 1/4 oz. \$2.00; 1/2 oz. \$3.75; oz. \$7.00; 2 oz. \$13.00.

STEELE'S MASTODON GREENHOUSE SPECIAL

MIXED. O. K. for outside. 1/16 oz. 50c; 1/8 oz. \$1.00; 1/4 oz. \$1.50; 1/2 oz. \$2.75; oz. \$5.00; 2 oz. \$9.00; 4 oz. \$17.50.



## FLOWER SEEDS — Selected Strains for Florists

## DIENER'S CHOICE PETUNIAS

We carry his complete line of Petunia Seed put up in his original packets and by weight.



LARGE DOUBLE PETUNIA

## TAKE OUR ADVICE

There are many varieties of Petunas. We have found the following varieties marked \* and numbered, will give you a very complete assortment in all types. Diener's varieties. No. 1-5-7-13-42-44-46. The following are not numbered but marked \*. Victorious, Lace Veil, Setting Sun, Elks Pride, General Dodds, Alderman, Blue Bird, Celestial Rose, Heavenly Blue. Dwf. Calif. Giants Ramona strain.

DIENER'S PETUNIA SEEDS (In Original Packets)——  
Diener's Ruffled Monsters  
(Single and Double)

Those who want small amounts of all single kinds may have sample packages of each at 25c a package. Of numbers 9, 11, 14, 16, 17, 21, 22 and 23, sample packages are 10c, while the smaller package of the double types are 50c.

The varieties marked Ruffled Monsters are of giant size while the others are somewhat smaller. The size of flowers is given. Please order Petunias by number to avoid mistakes.

- |   |               |
|---|---------------|
| *No. 1. PINK (Ruffled Monster).                                   | Tr. pkt. 50c. |
| No. 2. FLESH PINK (Ruffled Monster).                              | Tr. pkt. 50c. |
| No. 3. VARIEGATED (Ruffled Monster).                              | Tr. pkt. 50c. |
| No. 4. WHITE AND YELLOW CENTER (Ruffled Monster).                 | Tr. pkt. 50c. |
| *No. 5. RED, DARK VEINED AND COAL BLACK CENTER (Ruffled Monster). | Tr. pkt. 50c. |
| No. 6. PALE LILAC PINK (Ruffled Monster).                         | Tr. pkt. 50c. |

- |   |               |
|---|---------------|
| *No. 7. RED AND WHITE VARIEGATED (Ruffled Monster). | Tr. pkt. 50c. |
| No. 10. SALMON ROSE (Ruffled Monster).              | Tr. pkt. 50c. |
| *No. 13. HELIOTROPE (Ruffled Monster).              | Tr. pkt. 50c. |
| No. 18. VARIEGATED HEAVY RUFFLED.                   | Tr. pkt. 50c. |
| No. 20. MAUVE (Ruffled Monster).                    | Tr. pkt. 50c. |
| No. 41. COPPER RED (Ruffled Monster).               | Tr. pkt. 50c. |
| No. 8. RUFFLED MONSTERS (Mixed).                    | Tr. pkt. 50c. |
| No. 9. FLESH PINK FRILLED.                          | Tr. pkt. 25c. |
| No. 11. DIENER'S BLUE.                              | Tr. pkt. 25c. |
| No. 14. DIENER'S PINK GLORY.                        | Tr. pkt. 25c. |
| No. 15. PURPLE AND WHITE.                           | Tr. pkt. 50c. |
| No. 16. WHITE BEAUTY.                               | Tr. pkt. 25c. |
| No. 17. PALE SULPHUR YELLOW.                        | Tr. pkt. 25c. |
| No. 19. GIANT PINK GLORY.                           | Tr. pkt. 50c. |
| No. 21. STEEL BLUE.                                 | Tr. pkt. 25c. |
| No. 22. ROSE COLOR.                                 | Tr. pkt. 25c. |
| No. 23. PALE AMARANTH PINK.                         | Tr. pkt. 25c. |
| No. 27. SALMON COLOR (Single).                      | Tr. pkt. 25c. |
| *No. 46. DEEP VELVETY VIOLET (Single).              | Tr. pkt. 50c. |

No. 47. JUMBO MIXTURE OF RUFFLED MONSTER PETUNIAS. Tr. pkt. \$1.00.

## DOUBLE PETUNIAS

Note: All of our Double Petunia seeds are raised from Double Petunias and so give the highest percentage of double seedlings. The slowest and poorest seedlings will turn out the best doubles.

- |   |                  |
|---|------------------|
| No. 24. SALMON DOUBLE.                                  | Tr. pkt. \$1.00. |
| No. 25. COPPER RED DOUBLE.                              | Tr. pkt. \$1.00. |
| No. 26. GREEN EDGED DOUBLE.                             | Tr. pkt. \$1.00. |
| No. 28. DOUBLE LAVENDER BLUE.                           | Tr. pkt. \$1.00. |
| No. 29. PURPLE DOUBLE. Medium size.                     | Tr. pkt. \$1.00. |
| No. 38. DOUBLE RUFFLED MONSTERS, MIXED.                 | Tr. pkt. \$1.00. |
| No. 40. MADONNA.  | Tr. pkt. \$1.00. |
| *No. 42. LARGE DOUBLE FRILLED MIXED.                    | Tr. pkt. \$1.00. |
| No. 43. DOUBLE ROSE PINK FRILLED.                       | Tr. pkt. \$1.00. |
| *No. 44. DOUBLE FRILLED ROSE PINK AND WHITE VARIEGATED. | Tr. pkt. \$1.00. |

PRICES FOR DIENER'S PETUNIA SEEDS  
IN QUANTITY.

Note: Each of the following numbers, separately (not all of the numbers mixed), are sold in quantity as listed below:

Of the following numbers (not mixed)—1, 2, 3, 5, 6, 7, 8, 10, 15, 19, 20, 41, 46.

1/64 oz. \$2.50; 1/32 oz. \$4.00; 1/16 oz. \$8.00; 1/8 oz. \$15.00.

Of numbers (not mixed) 11, 14, 17, 21, 22, 23.

1/32 oz. \$3.00; 1/16 oz. \$6.00; 1/8 oz. \$12.00.

Of numbers (not mixed) 38, 42, 44.

1/64 oz. \$5.00; 1/32 oz. \$10.00; 1/16 oz. \$20.00.

Note: The varieties that are not listed above will not be sold in quantity this year.

Larger amounts on request.

\*This indicates the best assortment to grow as we have learned by close contact with growers everywhere.



## FLOWER SEEDS — Selected Strains for Florists



**New Double Dwarf Flowering  
Fringed Petunia "Victorious"—  
Wonderful for Pots and Mother's Day**

### LARGE FLOWERING—DOUBLE

"VICTORIOUS" Double Petunia (original Sakata strain). A money maker for Mother's Day. Without doubt the best Double Petunia Dwarf Giant Flowering Fringed yet introduced. A wonderful mixture of bright colors, fine for pots.

500 seeds \$1.25; 1000 seeds \$2.00; 3000 seeds \$5.00.

### DOUBLE DWARF LARGE FLOWERING FRINGED.

1000 seeds \$1.00; 1/64 oz. \$4.00.

### DOUBLE LARGE FLOWERING FRINGED. Best mixed.

500 seeds 75c; 1000 seeds \$1.25; 10,000 seeds \$10.00;  
1/64 oz. \$3.00.

### SMALL FLOWERING—DOUBLE

ROSY MORN. A beautiful double pink.

1000 seeds \$1.00; 1/32 oz. \$3.00; 5000 seeds \$4.00.

### LARGE SINGLE FRINGED

\*LACE VEIL. Dwarf white fringed.

Tr. pkt. 75c; 1/64 oz. \$2.00.

\*SETTING SUN. Rose Pink. Tr. pkt. 50c; 1/64 oz. \$1.50.

### DWARF CALIFORNIA GIANTS SINGLE

Ramona Strain

This is the best strain of giant flowered Petunias in existence for pot culture and bedding.

Tr. pkt. \$1.00; 1/32 oz. \$2.50; 1/8 oz. \$8.00.

### BALCONY PETUNIAS

BALCONY QUEEN. Purple and White.

Tr. pkt. 50c; 1/32 oz. \$1.40.

Blue. A splendid strain.

Tr. pkt. 25c; 1/16 oz. 50c; oz. \$6.00.

Red. Dark red.

Tr. pkt. 25c; 1/8 oz. 65c; oz. \$4.00.

Rose.

Tr. pkt. 25c; 1/8 oz. 65c; oz. \$4.00.

White.

Tr. pkt. 25c; 1/8 oz. 65c; oz. \$4.00.

BALCONY MIXED. The above. Tr. pkt. 25c; 1/8 oz. 65c.

### PORTLAND PETUNIAS

PRIDE OF PORTLAND. Rose pink, fringed.

Tr. pkt. 50c; 1/32 oz. \$1.20.

\*ELK'S PRIDE. Velvety violet, plain edge.

Tr. pkt. 50c; 1/32 oz. \$1.20; 1/8 oz. \$4.00.

SCARLET BEAUTY. Fringed. Tr. pkt. 50c; 1/32 oz. \$1.20.

WHITE BEAUTY. Fringed. Tr. pkt. 50c; 1/32 oz. \$1.20.

### SINGLE SMALL FLOWERED SORTS

BLOTCHED AND STRIPED (Inimitable).

Tr. pkt. 20c; oz. \$1.00.

\*GENERAL DODDS. Blood red.

Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.40.

HOWARD'S STAR Improved.

Tr. pkt. 25c; 1/4 oz. 50c; oz. 1.60.

NORMA. Violet blue with white star.

Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.40.

VIOLECEA. Violet.

Tr. pkt. 25c; 1/4 oz. 45c; oz. \$1.40.

### SINGLE SMALL FLOWERED DWARF SORTS

\*ALDERMAN. Dark violet.

Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.00.

\*BLUE BIRD. Deep violet, extra fine.

Tr. pkt. 35c; 1/4 oz. 70c; oz. \$2.40.

\*CELESTIAL ROSE.

Tr. pkt. 50c; 1/8 oz. \$1.00.

\*HEAVENLY BLUE. Silvery light blue, varies.

Tr. pkt. 50c; 1/8 oz. 90c.

ROSY MORN. Pink with white throat.

Tr. pkt. 50c; 1/4 oz. 70c; oz. \$2.40.

SNOWBALL. Dwarf white.

Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.40.

ROSE OF HEAVEN. Beautiful pink.

Tr. pkt. 35c; 1/4 oz. 50c; oz. \$1.60.

IRWIN'S SPECIAL DWARF MIXTURE. Small flowering  
sorts. Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.



## FLOWER SEEDS — Selected Strains for Florists

### PHLOX DRUMMONDI GRANDIFLORA

- ALBA. White.  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- ALBA OCULATA. White with dark eye.  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- ATROPURPUREA ALBA OCULATA. Dark purple with white eye. Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- BRILLIANT. Rose with dark eye.  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- CHAMOIS RED.  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- CARNEA. Flesh.  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- ISABELLINA. Yellow.  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- KERMESINA SPLENDENS. Crimson.  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- LEOPOLDI. Pink with white eye.  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- VIOLET. With white eye.  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- ROSEA. Pink  
Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- SCARLET. Tr. pkt. 20c; 1/4 oz. 30c; oz. \$1.00; lb. \$10.00.
- BEST LARGE FLOWERING. Mixed.  
Tr. pkt. 15c; 1/4 oz. 25c; oz. 80c; lb. \$8.00.
- Nana Compacta* (dwarf). Snowball. 6".  
Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.80.
- Delicata*. Old rose, carmine eye.  
Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.20.
- Fireball*. Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.80.
- Chamois*. Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.20.
- Mixed*. Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.80.

### PORTULACA

- SINGLE LARGE FLOWERING SORTS. Mixed.  
Tr. pkt. 10c; oz. 50c; lb. \$5.00.
- DOUBLE SORTS. Finest mixed.  
Tr. pkt. 25c; 1/4 oz. 60c; oz. \$2.00.

### PRIMULA OBCONICA

- FASBENDER Red and Rose shades mixed. Seed grown by Mr. Fasbender, the originator; flowers of enormous size, without doubt the finest strain obtainable.  
Tr. pkt. \$1.00; 1/64 oz. \$3.00 (2500 seeds) 1 gram. 5000 seeds \$5.00.
- MUELLER'S (BERLIN). Rose.  
Tr. pkt. \$1.00; 1/64 oz. \$2.00.
- MUELLER'S Red. Tr. pkt. \$1.00; 1/64 oz. \$2.00.
- MOHNSTEIN'S Dark Red. Tr. pkt. \$1.00; 1/64 oz. \$2.00.

### PRIMULA, CHINESE GIANT

- Tr. pkt. of any of the following, 250 seeds, each, 50c:
- CHISWICK RED IMPROVED, Red, COVENT GARDEN WHITE, GIANT PINK, (Extremely large petals of great substance), GIANT SALMON, (Massive heads of flowers of great substance), QUEEN MARY, (Rose pink), TRUE BLUE, GIANT MIXED.

### PRIMULA

- MALACOIDES (Baby Primrose). Light lilac.  
Tr. pkt. 50c; 1/8 oz. \$1.00.
- ERIKSSONI BABY ALBA. White.  
*New Baby*. Lavender pink. *Baby Rose*. Deepest pink.  
*Baby Doll*. Frilled deep pink. *Wonder Baby*. Pink.  
Each of the above, pkt. about 800 seeds, \$1.00.  
*Princess Mary*. Deep rose pink. 1000 seeds \$1.00.  
*Rosalind*. Rich rose. 1000 seeds \$1.00.  
*Rosea superba*. Beautiful pink. .  
Tr. pkt. 50c; 1/16 oz. \$1.00.
- KEWENSIS. Yellow. Decorative, winter flowering greenhouse plant. 12".  
Tr. pkt. 50c; 1/32 oz. \$1.00.

### PYRETHRUM

- PARTHENIFOLIUM AUREUM (Golden Feather).  
Tr. pkt. 10c; oz. 40c.

### RANUNCULUS

- TECOLOTE GIANTS. Yellow, Red and Mixed. The finest strain we know of for greenhouse forcing. 1000 seeds \$1.00.

### RICINUS (Castor-bean)

- SANGUINEUS. Red leaves. 7 ft. Oz. 10c; lb. \$1.00.
- ZANZIBARIENSIS. Mixed. Oz. 15c; lb. \$1.40.

### SAINTPAULIA

- IONANTHA CORDATA. This new variety is distinguished by its very dark cordated leaves, strong growth, and large flowers of a deep lavender color. Blooms in 6 months from seed and continues for a long time. Tr. pkt. \$1.00.
- IONANTHA GRANDIFLORA (African Violet). Charming deep blue flowering pot plant which blossoms in uninterrupted succession. Tr. pkt. \$1.00.

### SALVIA SPLENDENS

- HARBINGER (New Dwarf Salvia).  
Tr. pkt. 35c; 1/4 oz. 75c; oz. \$2.50.
- AMERICA (Globe of Fire). 16".  
Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.00.
- CLARA BEDMAN, or BONFIRE. Erect habit. 16".  
Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.00.
- ZURICH. Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.00.
- SPLENDENS TYPE. Tr. pkt. 35c; oz. \$1.50.

### SCHIZANTHUS

- NEW DWARF GRANDIFLORA MIXED. 8 in. high. Fine for pots for Memorial Day. Sow Feb. 1st.  
Tr. pkt. 50c; 1/8 oz. \$2.50.
- WISETONENSIS. Mixed. Tr. pkt. 25c; oz. \$1.00.
- ROSE AND AMBER shades. Tr. pkt. 35c; 1/4 oz. \$1.00.

### SCABIOSA

- COLUMBARIA. Delicate pink. Tr. pkt. 50c; oz. \$2.40.
- ISAAC HOUSE STRAIN. Tr. pkt. 50c; oz. \$3.00.
- LARGE FLOWERING DOUBLE. Tall mixed.  
Tr. pkt. 10c; oz. 40c; 1/4 lb. \$1.25.
- LARGE FLOWERING. Double Tall in separate colors.  
Tr. pkt. 15c; oz. 50c.
- SHAMROCK. Tr. pkt. 15c; oz. 50c.
- SMILAX. Tr. pkt. 15c; oz. 50c.
- SNAPDRAGON. See Antirrhinum.



## FLOWER SEEDS — Selected Strains for Florists



SCHIZANTHUS

### SOLANUM

#### CAPSICASTRUM NANUM.

<i>Bird's Eye Pepper.</i>	Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.00.
<i>Christmas (Chameleon).</i>	Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.80.
<i>Cleveland Red.</i>	Tr. pkt. 15c; oz. 60c.
<i>Cleveland Orange.</i>	Tr. pkt. 35c; oz. \$1.80.

### STATICE

#### SINUATA. Blue. Fine cut flower.

	Tr. pkt. 10c; oz. 30c; lb. \$3.00.
SINUATA white.	Tr. pkt. 10c; oz. 20c; lb. \$2.00.
<i>Rosea superba.</i>	Tr. pkt. 10c; oz. 30c; lb. \$3.00.
BONDUELLI Golden Yell.	Tr. pkt. 10c; oz. 30c; lb. \$3.00.
SUWOROWI (Russian or Rattail). Flowers bright rose color.	Tr. pkt. 25c; oz. 80c; lb. \$8.00.

## STOCKS

NON-BRANCHING (Column Type, Non-lateral), White, Chamois Rose, Lavender, Rose, Light Blue, Dark Blue, Crimson, Ruby, Silvery Lilac (Lilac Lavender), American Beauty, Malmaison Pink. Each of the above: 1000 seeds \$1.00; 1/8 oz. \$1.25; 1/4 oz. \$2.00; oz. \$8.00.

#### GIANTS OF CALIFORNIA.

*Santa Maria.* The best double pure white stock on the market. Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.00.

#### GIANT PERFECTION.

*Heatham Beauty.* Rose shaded terra cotta. Tr. pkt. 25c; 1/8 oz. 35c; oz. \$2.20.  
*Empress Auguste Victoria.* Silvery lilac. Tr. pkt. 25c; 1/8 oz. 35c; oz. \$2.20.

## STOCKS—Continued

#### GIANT BISMARCK.

<i>Antique Copper.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Appleblossom.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Buttercup.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Chamois.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Dark Blue.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Elk's Pride.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Fiery Blood Red</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Flesh.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Gold Ball.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Golden Rose.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Lavender.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Lilac.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Old Rose.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>Rose.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.
<i>White.</i>	Tr. pkt. 35c; 1/8 oz. 50c; oz. \$3.00.

## SWEET PEAS

#### Early Winter Flowering Spencer Varieties.

AMETHYST.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
ANNIE LAURIE. Rose.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
APOLLO. Shamrod Pink.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
BALL'S ROSE IMP.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
BLUE BIRD.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
BURPEE'S LAVENDER.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
BURPEE'S ORANGE.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
CATTLEYA.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
EARLY ATTRACTION.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
EILEEN. Rich Rose.	Oz. 50c; 1/4 lb. \$1.75; lb. \$6.00.
ELEANOR BLUE.	Oz. 40c; 1/4 lb. \$1.40; lb. \$4.80.
FORTY-NINER. Orange.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
GIANT ROSE.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
GLITTERS. Fiery Orange.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
GRENADIER. Scarlet.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.50.
HARMONY. Lavender.	Oz. 50c; 1/4 lb. \$1.25; lb. \$4.00.
HOPE. Best White.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
JEANNE MAMITSCH.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
JOSIE. Clear Rose.	Oz. 50c; 1/4 lb. \$1.75; lb. \$6.50.
MAJESTIC ROSE.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
MICHIGAN BEST LAVENDER.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
MISS CALIFORNIA.	Oz. 75c; 1/4 lb. \$2.00; lb. \$6.00.
MRS. H. HOOVER.	Oz. 50c; 1/4 lb. \$1.25; lb. \$4.00.
MRS. KERR.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
RAMONA.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
SNOWSTORM IMP.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
SUNRAY.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
SWEET BRIAR.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
VALENCIA.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
VULCAN.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
WHITE HARMONY.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.
ZVOLANEK'S ROSE.	Oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.





# *Sweet Peas . . .*

## *Spencer Varieties*

### *for Outdoor Planting*

Varieties listed below are those that have proven to be the best in each color.

AMBITION, rich deep lavender.

CONSTANCE HINTON, giant white, black seeded.

HAWLMARK, large true lavender.

HEBE, bright pink.

HERCULES, rosy pink.

PINKIE, large rosy pink.

POWERSCOURT, lavender.

PRINCE OF ORANGE, deep orange.

ROYAL PURPLE, rich purple.

SUNKIST, cream picotee edged rose.

WELCOME, dazzling scarlet.

MIXTURE OF ABOVE VARIETIES.

All the above at: Oz. 20c; 4 ozs. 50c; lb. \$1.75.

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**TO-NA-CIDE**

Destroys Mealy Bugs, Wire Worms, etc. —  
It's the Florist's Friend

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## FLOWER SEEDS — Selected Strains for Florists

### THUNBERGIA

MIXED. Tr. pkt. 15c; oz. 60c; lb. \$6.00.

### VERBENA

BEAUTY OF OXFORD HYBRIDS.

Tr. pkt. 35c; 1/4 oz. 60c; oz. \$2.00.

GIGANTEA ALBA. Very large, pure white.

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.

*Lavender Glory.*

Tr. pkt. 50c; 1/4 oz. 60c; oz. \$2.00.

*Luminosa.*

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.

*Rose Cardinal.* Bright red.

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.

*Royale Royal Blue.*

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.

*Salmon Pink.*

Tr. pkt. 35c; 1/4 oz. 50c; oz. \$1.80.

*Sutton's Giant Pink.*

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.

*Violacea Stellata.* Violet, white eye.

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.

*Etna.* Geranium red.

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.

ROYAL BOUQUET MIXED.

Tr. pkt. 35c; 1/4 oz. 75c; oz. \$2.50.

LEMON (*Citriodora*). Tr. pkt. 35c; 1/4 oz. 85c; oz. \$3.00.

### VINCA

ROSEA. Pink, 1 ft.

Tr. pkt. 15c; 1/4 oz. 25c; oz. 80c; lb. \$8.00.

*Flore alba oculata.* White with pink eye.

Tr. pkt. 15c; oz. 80c; lb. \$8.00.

*Alba pura.* Pure white.

Tr. pkt. 15c; 1/4 oz. 25c; oz. 80c.

*Delicata.* Soft pink

Tr. pkt. 15c; oz. 80c; lb. \$8.00.

*Mixed.*

Tr. pkt. 15c; 1/4 oz. 25c; oz. 80c.

## ZINNIAS

### BODGER'S NEW GIANT FLOWERED OR COLOSSAL

APRICOT YELLOW. Light canary.

Tr. pkt. 25c

BRIGHT ROSE. Buttercup.

1/4 oz. 35c

BURNT ORANGE. Cream.

Oz. \$1.00

CRIMSON. Deep Flesh.

1/4 lb. \$3.50

DEEP SALMON. Golden Yellow.

Lb. \$11.00

LAVENDER. Orange.

PINK SHADES. Royal Purple.

Tr. pkt. 20c

SCARLET. Shrimp Pink.

Oz. 75c

VIOLET. White.

1/4 lb. \$2.50

LILLIPUT, Mixed.

Lb. \$8.00.

*Scarlet Gem, White Gem, Rose Bud,*

*Golden Gem, Orange, Lilac, Purple.*

*Rose Bud.*

Tr. pkt. 15c; oz. \$1.80.

*Salmon Rose.* A lovely color.

Tr. pkt. 15c; oz. 80c.

### ZINNIAS

RED RIDING HOOD. Scarlet.

Tr. pkt. 15c; oz. 80c.

DAHLIA FLOWERED.

*Attraction.* Brick Red.

*Buttercup.* Yellow.

*Canary Bird.* Primrose.

*Crimson Monarch.* Best red.

*Dream.* Deep lavender.

*Exquisite.* Light rose, center rose.

*Golden Dawn.* Golden Yellow.

*Golden State.* Rich Orange.

*Illumination.* Deep rose.

*Old Gold.* Burmished shades of deep and old gold.

*Old Rose.*

*Oriole.* Orange and gold.

*Meteor.* Darkest red.

*Scarlet Flame.* Bright scarlet.

*Polar Bear.* White.

*Purple Prince.*

*Luminosa.* Bright deep pink suffused with salmon.

*Dahlia Flowered Mixed.* Many colors.

Tr. pkt. 25c

1/4 oz. 35c

Oz. \$1.00.

1/4 lb. \$3.50

Lb. \$12.00

CROWN O' GOLD DESERT GOLD.

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.50.

CHRYSANTHEMUM FLOWERED OR FANTASY. Finest mixed.

Tr. pkt. 50c; 1/4 oz. 50c; oz. \$1.50.

PUMILA PICOTEE DELIGHT GOLDEN RAY.

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.50.

EARLY WONDER. Finest mixed.

Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.50.



ZINNIA CROWN OF GOLD

To Kill Fungus on  
Seeds, Bulbs and Plants —  
POTASSIUM PERMANGANATE



## GLADIOLI — NEW CROP

(To-na-cide Treated)

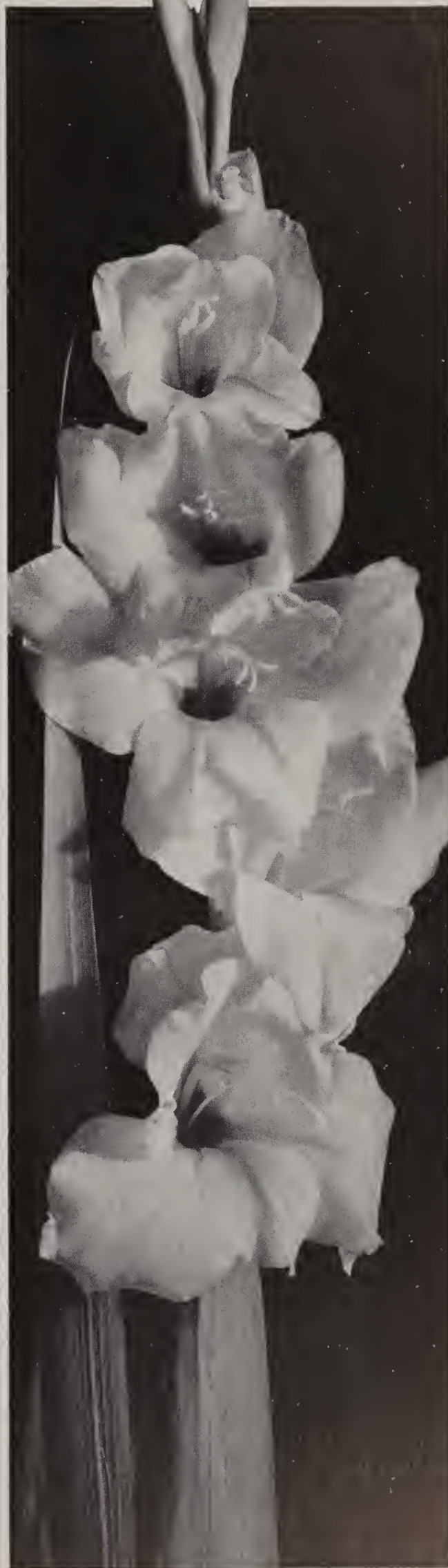
Selected No. 1 (1½ to 2") Forcing Grade.

ALBANIA—White. Very scarce.	100 \$2.25; 1000 \$16.00.
ALBATROS—White. Very scarce.	100 \$3.50; 1000 \$30.00.
ALICE TIPLADY.	100 \$1.75; 1000 \$13.50.
APRICOT GLOW.	100 \$2.00; 1000 \$15.00.
BERTY SNOW—Fine lavender.	100 \$2.25; 1000 \$18.00.
	100 \$2.25; 1000 \$18.00.
BETTY NUTHALL.	100 \$2.25; 1000 \$16.00.
BREAK O' DAY.	100 \$1.75; 1000 \$13.50.
CARMEN SYLVIA—Fine commercial white.	
	100 \$2.25; 1000 \$16.00.
CHICAGO WHITE.	100 \$2.00; 1000 \$14.00.
DR. BENNETT. Best red.	100 \$2.50; 1000 \$18.00.
DR. NORTON.	100 \$2.00; 1000 \$15.00.
E. J. SHAYLOR.	100 \$2.00; 1000 \$14.00.
FLAMING SWORD.	100 \$2.00; 1000 \$14.00.
GIANT NYMPH.	100 \$2.25; 1000 \$15.00.
GLORIANA—Golden salmon.	100 \$2.25; 1000 \$16.00.
GOLDEN EAGLE.	100 \$2.00; 1000 \$15.00.
GOLDEN DREAM.	100 \$2.00; 1000 \$15.00.
HALLEY.	100 \$2.00; 1000 \$14.00.
HELGA—Beautiful salmon rose.	100 \$2.25; 1000 \$16.00.
LOS ANGELES.	100 \$1.75; 1000 \$13.50.
MAID OF ORLEANS. Very fine white.	
	100 \$5.00; 1000 \$40.00.
MAIDEN'S BLUSH.	100 \$1.75; 1000 \$13.50.
MINUET. Very scarce.	100 \$3.00; 1000 \$25.00.
MARMORA—Giant greyish lavender.	
	100 \$2.50; 1000 \$17 50
MRS. W. H. PHIPPS—LaFrance Pink.	
	100 \$2.50; 1000 \$20.00.
MRS. F. C. PETERS—Rich rosy lavender.	
	100 \$2.50; 1000 \$17.50.
MRS. F. KING.	100 \$2.00; 1000 \$15.00.
MRS. F. PENDLETON.	100 \$2.00; 1000 \$15.00.
MRS. BOTHIN—Creamy pink.	100 \$2.00; 1000 \$15.00.
MRS. L. DOUGLAS—Salmon rose-pink.	
	100 \$2.50; 1000 \$17.50.
MRS. P. W. SISSON—Fine light pink.	
	100 \$2.50; 1000 \$17.50.
NANCY HANKS.	100 \$2.25; 1000 \$16.00.
ODIN.	100 \$2.00; 1000 \$15.00.
ORANGE QUEEN.	100 \$2.00; 1000 \$15.00.
PICARDY.	100 \$2.35; 1000 \$17.50.
PFITZER'S TRIUMPH.	100 \$2.50; 1000 \$18.00.
SCHWABEN. (Outside only).	100 \$2.00; 1000 \$14.00.
SOUVENIR.	100 \$1.75; 1000 \$12.00.
VIRGINIA.	100 \$2.00; 1000 \$15.00.
WILBRINK.	100 \$2.00; 1000 \$15.00.
FINE MIXTURE.	100 \$1.75; 1000 \$12.00.

On other varieties, let us quote you.

We also carry a stock of best Commercial Varieties for outside planting in all sizes. No. 2 (1¼ to 1½"), No. 3 (1 to 1¼"), No. 4 and 5 and also Bulblets. Our prices are right. Let us quote you.

GLADIOLUS  
Maid of  
Orleans





## SPRING AND SUMMER FLOWERING BULBS

### IRIS ROOTS

JAPANESE AND GERMAN. In all varieties. Write for prices.

### AMARYLLIS

MEAD'S CHOICE HYBRIDS

2½ to 3" Doz. \$2.50; 100 \$17.00.

### ANEMONES and RANUNCULUS

Write for prices.

### BEGONIAS—Tuberous Rooted

SINGLE—Separate colors: Scarlet, Pink, Rose, Crimson, Yellow, Orange, Salmon, White and all colors mixed.

1½ to 1¾", 100 \$12.00.  
2", 100 \$14.00.

DOUBLE—Camellia type—Crimson, Scarlet, Yellow, Salmon, Pink, White and all colors mixed. Same price as above.

### CALADIUMS (Fancy Leaved)

CHOICE NEHRLING STRAIN.

Separate Named Varieties 100 \$12.00; 1000 \$100.00  
Named Varieties Mixed 100 \$10.00; 1000 \$ 95.00

### CALADIUM ESCULENTUM

(Elephant's Ear)

5 to 7" circumference Doz. \$.50; 100 \$2.75; 1000 \$22.00.  
7 to 9" circumference Doz. \$.60; 100 \$3.50; 1000 \$30.00.  
9 to 11" circumference Doz. \$1.00; 100 \$6.00; 1000 \$55.00.  
11 to 12" circumference Doz. \$2.00; 100 \$12.00.  
13 to 15" circumference Doz. \$2.50; 100 \$17.00.

### GLOXINIAS

All Colors Mixed

1 to 1¼" 100 \$15.00.  
1½ to 2" 100 \$17.50.  
2" and up 100 \$22.50.

### CALLA ELLIOTTIANA

(Yellow Calla) Ready Nov. 1st.

1¾ to 2" diameter, 100 \$ 7.00; 1000 \$ 65.00.  
2 to 2½" diameter, 100 \$11.00; 1000 \$100.00.  
2½ to 3" diameter, 100 \$16.00; 1000 \$150.00.  
3" and up diameter, 100 \$19.50; 1000 \$185.00.

### CANNA ROOTS

Strong Roots with 2 to 3 eyes.

### GREEN FOLIAGE WITH PINK SHADES

CITY OF PORTLAND. 3½ feet. Glowing shade of pink.  
100 \$4.00; 1000 \$35.00.  
HUNGARIA. 3½ feet. Pure La France pink with satiny sheen.  
100 \$4.00; 1000 \$35.00.  
ROSEA gigantea. 3½ feet. Rich soft rose pink.  
100 \$4.00; 1000 \$35.00.  
EUREKA. 4 feet. Best white. 100 \$5.00; 1000 \$40.00.  
OSTRICH. 4 feet. Fine white. 100 \$4.00; 1000 \$35.00.  
KARL MERCK. 4 feet. 100 \$4.00; 1000 \$35.00.  
RICHARD WALLACE. 4 feet. 100 \$3.00; 1000 \$25.00.  
GOLDEN GATE. 4 feet. 100 \$3.00; 1000 \$25.00.  
APRICOT. 4 feet. 100 \$3.00; 1000 \$25.00.  
YELLOW KING HUMBERT. 4 feet. Golden yellow flowers blotched with red. 100 \$3.50; 1000 \$30.00.

### BRONZE FOLIAGE VARIETIES

AMBASSADOR. 4 feet. Brilliant rich cherry red flowers.  
100 \$4.00; 1000 \$35.00.  
KING HUMBERT. 4 feet. 100 \$3.50; 1000 \$30.00.

### RED SHADES WITH GREEN FOLIAGE

THE PRESIDENT. 4 feet. Rich glowing scarlet.  
100 \$3.00; 1000 \$25.00.  
PENNSYLVANIA. 6 feet. Large orchid flowered scarlet.  
100 \$3.00; 1000 \$25.00.

All other Standard Varieties at market prices.

WYOMING. 5 feet. Orchid orange with purple foliage.  
100 \$3.00; 1000 \$25.00.  
MAD. CROZY. 3½ feet. 100 \$3.00; 1000 \$25.00.  
FIRE BIRD. 4 feet. 100 \$3.00; 1000 \$25.00.  
SHENANDOAH. 4 feet. 100 \$3.00; 1000 \$25.00.  
CHARLES HENDERSON. 4 feet. 100 \$3.00; 1000 \$25.00.  
ORANGE BEDDER. 4 feet. 100 \$3.00; 1000 \$25.00.  
ALLEMANIA. 5 feet. 100 \$3.00; 1000 \$25.00.  
WINTZER'S COLOSSAL. 5 feet. 100 \$3.00; 1000 \$25.00.  
KATE GREY. 4 feet. 100 \$3.00; 1000 \$25.00.  
CRIMSON BEDDER. 3½ feet. 100 \$3.00.

### DAHLIA ROOTS

In best cut flower varieties. Write us for prices.



CALLA



# LILIES



LILIUM FLORIDI

## NEW LILIUM FLORIDI

Wonderful for Pots

This new lily is a cross Giganteum and Harrisii by a grower in Florida. I sent planting stock to Bermuda where growing conditions are more favorable. For the past 3 years our grower sent us some bulbs for trial. I am satisfied that Floridi is a wonderful Lily for pots, strong grower with very firm, hard, leathery flowers. Our grower says it is the finest lily growing in Bermuda. I expect about 250 cases this year for Sept. and Oct. delivery.

6/7 (335 Bulbs)

7/9 (200 Bulbs)

at \$25.00 per Case

8/10 (150 Bulbs)

9/11 (100 Bulbs)

7/9 Baby Case, 100 Bulbs \$14.00.

LILIUM GIGANTEUM (in cold storage). Lilies are very scarce this year. Our stock is limited. We have some 7/9 and 8/10 Baby Cases (100 in a case). Let us quote on your requirements.

6/8 (400 Bulbs) \$16.00 per case.

7/9 (300 Bulbs) \$17.00 per case.

8/10 (225 Bulbs) \$19.00 per case.

## LILIUM TENUIFOLIUM

A Beautiful Bright Red Lily. Can be grown between your carnations where their slender, stiff stems will not shade your carnations. Or can be grown in flats. Will flower in 100 days from planting. Something new. Fine in retail work.

100 \$5.00; 1000 \$40.00.

## HARDY LILIES

### MAGNIFICUM or RUBRUM

7 to 9", 950 to case case \$15.00.

8 to 9", 200 to case case \$15.00.

8 to 9", 100 bulbs Baby Case case \$ 8.50.

9 to 11", 130 to case case \$16.00.

11 to 13", 80 to case case \$16.00.

AURATUM. Let us quote you.

CANDIDUMS—Fine Solid French Grown Bulbs. September delivery.

## LILIUM PHILIPPINENSE

Every florist should plant some of these pure white lilies as they will flower all Summer. Plant some in flats for inside, also make a planting outside. They are hardy and will pay you well. You will cut flowers all Summer when you can use them in your make-up work. 100 \$6.00; 1000 \$50.00.

### REGALE

5 to 6", 100 \$5.00; 1000 \$40 8 to 9", 100 \$11; 1000 \$ 95

6 to 7", 100 \$5.50; 1000 \$50 9 to 10", 100 \$14; 1000 \$120

7 to 8", 100 \$9.00; 1000 \$75 10 to 11", 100 \$10; 1000 \$160

## HARDY LILIES

### HANSONI

11 to 12", 100 \$20;

7 to 9", 100 \$15.00.

8 to 9", 100 \$17.00.

9 to 10", 100 \$21.00.

### HENRYI

7 to 9" 100 \$7.00; case \$15.00.

8 to 9", 200 to case 100 \$9.00; case \$15.00.

9 to 10", 150 to case 100 \$12.00; case \$15.00.

### TIG. SPLENDENS

7 to 9", 250 to case 100 \$7.00; case \$14.00.

8 to 9", 200 to case 100 \$9.00; case \$14.00.

9 to 10", 150 to case 100 \$12.00; case \$14.00.

11 to 12", 120 to case case \$15.00.

## AMERICAN, ENGLISH AND ORIENTAL LILIES

CANADENSE. Yellow and orange. Doz. \$1.50; 100 \$10.00.

ELEGANS. Mixed. Doz. \$1.00; 100 \$10.00.

JAPONICUM. Pink. Doz. \$2.00; 100 \$15.00.

PARDALINUM. Doz. \$1.75; 100 \$12.00.

SUPERBUM. Orange. Doz. \$1.50; 100 \$10.00.

TIGRINUM SPLENDENS Doz. \$1.15; 100 \$7.50.

FLOREPLENO Doz. \$1.15; 100 \$7.50.

UMBELLATUM. Mixed. Doz. \$1.50; 100 \$10.00.

## SPRING AND SUMMER FLOWERING BULBS

### LILY OF THE VALLEY PIPS

(Cold Storage)

Very scarce. Let us quote you.

### MISCELLANEOUS BULBS

#### APIOS TUBEROSA. (Climber)

Doz. \$1.10; 100 \$7.00; 1000 \$65.00.

#### BLEEDINGHEART ROOTS. 3 to 5 eyes.

100 \$15.00; 1000 \$140.00.

#### CINNAMON VINES. (Climber) Large roots.

Doz. \$.70; 100 \$4.50; 1000 \$40.00.

#### HYACINTHUS CANDICANS.

1¼ to 1½" Doz. \$.75; 100 \$5.00; 1000 \$45.00.

1½ to 2" Doz. \$.90; 100 \$6.00; 1000 \$55.00.

#### ISMENE CALATHINA.

Doz. \$1.45; 100 \$9.50; 1000 \$90.00.

#### MADEIRA-VINE. 2 to 3".

Doz. \$.50; 100 \$3.50; 1000 \$30.00.

3" and up Doz. \$.70; 100 \$4.50; 1000 \$40.00.

MONTBRETIA. In 25 Standard Varieties and 15 Varieties in the Newer Earlham Hybrids. Prices and list of Varieties on application. Ready to ship now or for spring delivery.

#### MONTBRETIAS, MIXED.

Doz. \$.55; 100 \$3.50; 1000 \$30.00.

#### OXALIS. In separate colors.

100 \$.80; 1000 \$5.00.

#### SPIREA CLUMPS. For forcing. Let us quote you.

#### TIGRIDIAS, MIXED.

Doz. \$1.00; 100 \$6.50; 1000 \$60.00.

TIGRIDIAS (Ferraria). Fine bulbs in 5 Named Varieties: Scarlet, White, Yellow, Orange Scarlet, Crimson. 100 \$10.00.

#### ZEPHYRANTHES CANDIDA

Doz. \$.35; 100 \$1.75; 1000 \$15.00.

#### ROSEA.

Doz. \$.70; 100 \$4.50; 1000 \$40.00.

### TUBEROSES—Dwarf Excelsior Pearl

First size, 4 to 6".

100 \$2.50; 1000 \$20.00.

Second size, 3 to 4".

100 \$1.60; 1000 \$12.00.

VARIEGATED-LEAVED. Single

100 \$2.75; 1000 \$22.50.

ALBINO. Early single white.

100 \$2.75; 1000 \$22.50.

ARMSTRONG'S EVERBLOOMING.

100 \$2.75; 1000 \$22.50.

MEXICAN.

100 \$2.00; 1000 \$18.00.

## MR. FRITZ BAHR

Uses and Recommends

**TO-NA-CIDE**

—See Back Cover.

USE —

## POTASSIUM PERMANGANATE

We Recommend It

For Full Particulars See Page 22.



ISMENE CALATHINA





## NEW WHITE FREESIA

### SCHROEDER'S WHITE PERFECTION

Patent No. 237

The best white freesia ever offered. Earlier than Purity, with 24-inch stiff stems. The flowers are very firm and as large as Golden Daffodill. More than 40 growers have had it on trial for the past 3 years. They all confirm all we claim for it. August 1st delivery and later.

$\frac{1}{2}$ to $\frac{5}{8}$ "	\$2.00 per 100; \$15.00 per 1000.
$\frac{5}{8}$ " to $\frac{3}{4}$ "	\$2.50 per 100; \$18.00 per 1000.
$\frac{3}{4}$ " and up	\$3.50 per 100; \$30.00 per 1000.

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We have other good varieties which we will put on the market soon. For prices on all other standard varieties write us.





## PLANTS AND ROOTED CUTTINGS

For 25 years I have sold the best stock available grown by specialists. I am in touch with them and know the kind of stock they grow. Plants like other commodities must be sold according to their worth, you can buy a hat for \$3.00 and a better one for \$5.00. You will see some plants advertised for \$6.00 per 100 while other growers get \$7.50 per 100 for the same variety, why? Because they are better stock, and packed with more care, etc. Take Cyclamen for example that are advertised 2 1/4 in. from \$8.00 to \$12.00 per 100. It pays to consider the grower, the strain of seed he buys, etc., and this applies to most other plants.

### ACALYPHA

SANDERI (Chenille Plant)  
2 1/4" pot 100 \$8.00; 1000 \$75.00.

### ACHYRANTHES

HERBSTILL, Red  
Routed Cuttings 100 \$2.00; 1000 \$15.00.  
McNALLY, Yellow  
Routed Cuttings 100 \$2.00; 1000 \$15.00.

### ADIANTUM

CUNEATUM and CRACILLINUM  
2 1/4" pot 100 \$12.00; 3" pot 100 \$22.50.  
4" pot Doz. \$7.00.

FARLEYENSE and GLORIOSUM  
2" pot 100 \$22.50; 3" pot 100 \$40.00.  
3" pot Doz. \$5.50

### AGERATUM

IRWIN'S PURPLE BEAUTY Best Ageratum on the market. Particularly free flowering and low growing; also makes a grand pot plant.  
Routed Cuttings 100 \$2.25; 1000 \$18.00.  
2 1/4" pot 100 \$5.00; 1000 \$45.00.

LAMROSE  
Routed Cuttings 100 \$2.25; 1000 \$17.50.  
2 1/4" pot 100 \$5.00; 1000 \$45.00.

FRASERI AND BLUE PERFECTION  
Routed Cuttings 100 \$1.50; 1000 \$12.50.  
2 1/4" pot 100 \$4.00; 1000 \$35.00.

FRASERI WHITE  
Routed Cuttings 100 \$1.50; 1000 \$12.50.  
2 1/4" pot 100 \$4.00; 1000 \$35.00.

CARDINAL MUNDELEIN  
Routed Cuttings 100 \$1.75; 1000 \$14.00.

### ALTERNANTHERIA

YELLOW, GREEN  
Routed Cuttings 100 \$2.00; 1000 \$15.00.  
2 1/4" pot 100 \$4.00; 1000 \$35.00.

BRILLIANTISSIMA, Red  
Routed Cuttings 100 \$2.00; 1000 \$15.00.  
2 1/4" pot 100 \$4.00; 1000 \$35.00.

### ALYSSUM

DOUBLE SWEET  
Routed Cuttings 100 \$2.00; 1000 \$15.00.

### AMPELOPSIS

VEITCHII  
2 1/4" pot 100 \$7.00; 1000 \$65.00.

### ANTHERICUM

VARIEGATED 2 1/4" pot 100 \$8.00.

### ANTIRRHINUM

See Snapdragon

### ARTEMISIA

SILVER KING 2 1/4" pot 100 \$8.00; 1000 \$75.00.

### ASPARAGUS

PLUMOSUS AND SPRENGERI Seedlings at  
\$1.25 per 100; \$10.00 per 1000.

PLUMOSUS AND SPRENGERI  
2 1/4" pot 100 \$5.00; 1000 \$45.00.  
3" pot 10c to 12c each.

ASPIDISTRAS—Write for prices.

### AZALEAS

For Christmas or Easter. INDICA and KORUME. Also Hardy Varieties. Our plants are grown by specialists in Boston and New York. Prices and particulars on request. Plants can be delivered by trucks during September or October if orders are placed in time.

BEDDING PLANTS—(See Seedlings, Page 29).



It's a Winner—Irwin's Purple Beauty Ageratum



## PLANTS AND ROOTED CUTTINGS

### FLOWERING BEGONIAS

Selected Varieties

12 GREENHOUSE VARIETIES 2 1/4" pot 100 \$10.00.  
Rex mixed 2 1/4" pot 100 \$10.00.



BEGONIA—Marjorie Gibbs.

### BEGONIAS

WESTPORT BEAUTY NOVELTY. April and later. 2 1/4".  
Grower will not fill smaller orders.

50 plants \$16.00; 100 \$30.00.

MELIOR CINNATI, LADY MAC. June and later. 2 1/4".

25 for \$6.00; 50 for \$11.00; 100 \$20.00; 1000 \$180.00.

3" ready August and later.

25 for \$7.00; 50 for \$13.00; 100 \$25.00.

MARGORIC GIBBS. 2 1/4".

25 for \$7.00; 50 for \$13.00; 100 \$25.00; 1000 \$240.00.

REX BEGONIAS. 12 Best Varieties Mixed.

3" \$20.00 per 100; 50 for \$11.00.

2 1/4" 25 for \$3.00; 50 for \$5.50; 100 \$10.00.

CALLA BEGONIA.

2 1/4" \$4.00 per doz.; 100 \$25.00.

ZEPARO'S SALMON. 2 1/4". 100 \$12.00; 1000 \$110.00.

RED CHATTELAME R. C.

2 1/4" \$2.50 per 100; \$20.00 per 1000.

CORALLINE LUCERNE. 2 1/4".

25 for \$2.50; 50 for \$4.50; \$8.00 for 100.

VERNON, PRIMA DONNA. LIUMINOSA. XMAS

CHEER. 2 1/4"

25 for \$1.50; 50 for \$2.50; \$4.00 for 100; \$35.00 for 1000.

All other varieties price on application.

RED CHATELAINE SUPREME

Rooted Cuttings 100 \$2.50.

2 1/4" pot 100 \$8.00.

PINK CHATELAINE SUPREME

Rooted Cuttings 100 \$2.50.

2 1/4" pot 100 \$10.00.

BEDDING LUMINOSA, XMAS CHEER, PRIMA DONNA

VERONA, etc.

2 1/4" pot 100 \$4.00; 1000 \$35.00.

### BEDDING PLANTS

Let us quote you (See Seedlings).

### BOUGAINVILLEA

SANDERIANA-LAVANDER

2 1/4" pot Doz. \$1.50; 100 \$8.00.

CRIMSON LAKE Best Red

2 1/4" pot Doz. \$2.00; 100 \$12.00.

### BOUVARDIA

GIANT PINK, RED, WHITE

Rooted Cuttings 100 \$5.00; 1000 \$45.00.

2 1/4" pot 100 \$10.00; 1000 \$90.00.

(R. C. ready April and later. 2 1/4" June 1st.)

HUMBOLDTII Large White, ready May to June.

2 1/4" pot 100 \$14.00.

### BROWALLIA

GIGANTIC BLUE

2 1/4" pot 100 \$6.00.

### BUDDLEIA

FORTUNE (Novelty). A very valuable florist variety can be given under glass. Send for directions. 2 1/4" plants planted outside in May will produce up to 30 spikes by fall. Its hardy color, rosy lavender. Ready March till June.

2 1/4" doz. \$4.00; 25 for \$7.00; 50 for \$13.00.

\$25.00 per 100; \$200.00 per 1000.

HARTWEGI (New). Color rosy lavender. Hardy variety. Spring delivery. \$3.00 per doz.; 25 for \$7.00.

50 for \$13.00; \$25.00 per 100; \$200.00 for 1000.

ASIATICA, White Forcing

2 1/4" pot 100 \$7.00; 1000 \$65.00.

VARIABILIS Magnifica

2 1/4" pot 100 \$6.50; 1000 \$60.00.

(New) ALTERNIFOLIA. White (Hardy)

2" pot 100 \$10.00.

### CACTI—For dish work.

5 to 7 VARIETIES 2 1/4" pot 100 \$7.00; 1000 \$65.00.  
(See our list of Succulents).

### CALCEOLARIA

VALENTINE GREETING. 2 1/4". For Valentines Day. A beautiful mixture. Faster greeting, all colors mixed.

2 1/4" \$12.00.

PERFECT MODEL IMP. All colors

2 1/4" \$10.00.

PINK BEAUTY, CHERRY RED.

2 1/4" \$16.00.

STEWARTII, YELLOW.

2 1/4" \$16.00.

HYBRIDA, ALL COLORS MIXED.

2 1/4" \$10.00.

MULTI FLORA NANA, YELLOW ORANGE AND

BRONZE.

2 1/4" \$10.00.

## PLANTS AND ROOTED CUTTINGS



CALCEOLANA

### CALENDULAS

ANY VARIETY 2 1/4" pot 100 \$3.50; 1000 \$30.00.

### CAMELLIAS

2 1/4" at market prices.

## CHRYSANTHEMUM CATALOG

Complete list of Greenhouse varieties with flowering dates, height and when to select bud. Ask for a copy.

### Mr. Fritz Bahr Says:

HIGHLAND PARK GREENHOUSES

Dec. 1, 1936.

"We wouldn't think of replanting a bench or groundbed, no matter what it consists of, after the soil has been worked over, without applying a good dose of To-Na-Cide and lightly working the same into the surface. We have found this insecticide by far the most efficient weapon to get rid of and keep under control sowbugs and many other insect pests usually found in soil made use of under glass.

Fritz Bahr, Highland Park, Ill.

**TO-NA-CIDE**

## POTASSIUM PERMANGANATE

A wonderful Fungicide and Insecticide to kill fungus on seeds, pulbs, plants, and cuttings. Perfectly safe to use on seedlings, etc.

FOR SEEDS, OR SEEDLINGS, Water your seed flats after sowing, using 1/2 teaspoonful to three gallons water. You will get much better germination.

FOR BULBS, It will hasten the root action and kill thrip and fungus. On the following stubborn bulbs, Freesies, Tuberosis, Callas, Gladiolus, etc. use: 1 1/2 teaspoonful to three gallons of water. Soak the bulbs 15 to 20 hours and plant the next day.

FOR CUTTINGS, CARNATION, etc. Use 1/2 teaspoonful to three gallons of water, soak for fifteen minutes. They will root much quicker with less loss.

FOR CARNATIONS, SNAPS, GROWING PLANTS

FOR ESTABLISHED PLANTS. We know growers having wonderful success by using 3/4 of a teaspoonful to three gallons of water, watering the soil every few weeks for control of Mildew, Rust, Fungus, and Stem Rot.

WE RECOMMEND THE ABOVE,  
IT IS ECONOMICAL AND SAFE

### PRICE OF POTASSIUM PERMANGANATE

1 to 4 pounds	@ 85c per pound
5 to 9 pounds	@ 80c per pound
10 to 25 pounds	@ 75c per pound
50 to more pounds	@ 65c per pound



## PLANTS AND ROOTED CUTTINGS

## Irwin's Carnation Introductions Are Dependable

## MR. CARNATION GROWER:

For the past 25 years Carnations have been one of my specialties. In 1934 I introduced "Virginia."

I had exclusive sale for two years. Growers from coast to coast and all parts of Europe tell me it is the best carnation they have bought in recent years.

For 1939 I offer two new Virginia Sports—Virginia Rose and White Virginia (pure white). Both have the same good qualities. No splits. Wonderful keepers, etc.

I will place both varieties on trial in 1937 which I consider fair to the buyer.

In the past many varieties were placed on the market without trial except on their home grounds. I think every new variety should be tried out in different sections of the country before they are offered to the trade.

I feel confident that carnation growers will welcome a "White Virginia" and "Virginia Rose" a more pleasing shade of pink than Ward. Up to date many growers have placed their orders for both varieties. I am now booked up for December 1938 and am now booking for January, 1937, so I suggest that you place your order soon as possible to get in on January delivery.

Other varieties that I put on the market exclusively in the past were "Dandy", a sport of Morning Glow. Sceptre and Improved Giant Laddie.

This year I offer to the trade the best White Freesia ever offered. Schrodgers White Perfection. Patent No. 237. I have sent it out on trial to about forty leading Tressia growers for the past three years. All of them have confirmed my claim. A strong grower with 24 inch stiff stems. earlier than Purity or Superflora with fine firm fragrant flowers as large as Golden Daffodil. See page 19. Also note on page 20 my 1935 introduction—New Ageratum Irwins Purple Beauty. Every one who bought some tell me it is without doubt the best ageratum on the market.

ROMAN J. IRWIN.

**VIRGINIA—Bright Enchantress Pink. Best keeping Carnation on the market. Free flowering, fine stem and does not split. 100 \$7.00; 1000 \$60.00.**

VIRGINIA ROSE. Ward color, January 1939.

Per 100 \$15.00; per 1000 \$125.00

WHITE VIRGINIA ROSE. White color, January 1939.

Per 100 \$15.00; per 1000 \$125.00.

PETER FISHER. Light pink, Briarcliff rose color.

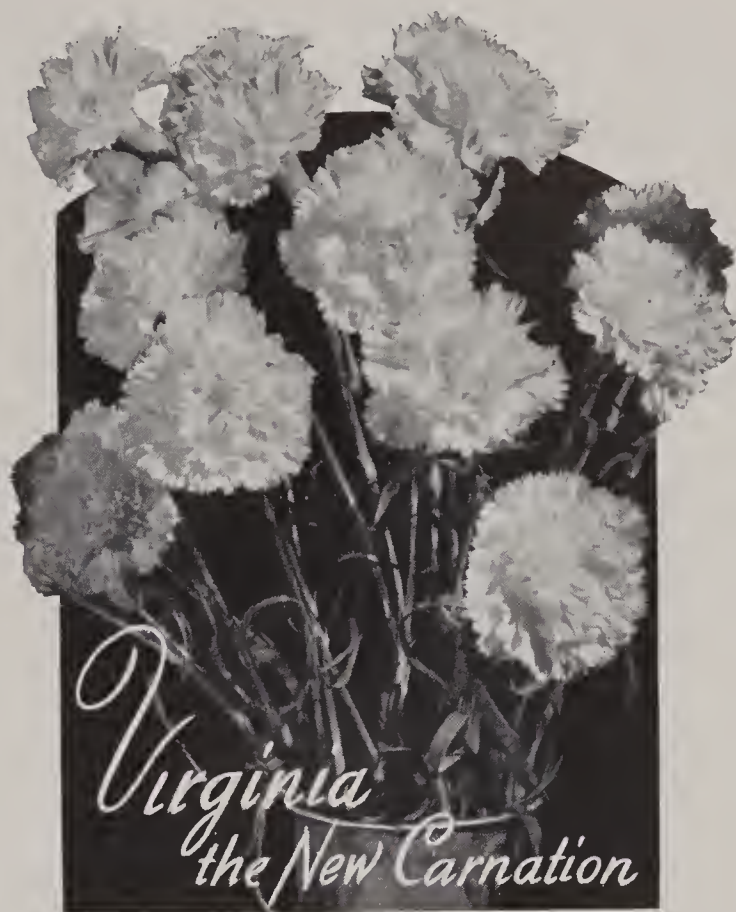
Per 100 \$8.00; per 1000 \$75.00.

ETHEL. White (introducer's stock).

Per 100 \$12.50; per 1000 \$100.00.

PURITAN. White very promising.

Per 100 \$12.00; per 1000 \$100.00.



### Dont Overlook the Real Profit in Carnations

AIDA. Salmon pink.	Per 100 \$12.50; per 1000 \$100.00.
ANTARCTIC. New Giant white seedling.	Per 100 \$15.00; per 1000 \$125.00.
ATLANTIS. Light Pink.	Per 100 \$7.00; per 1000 \$60.00.
BONANZA. Yellow variegated.	Per 100 \$5.00; per 1000 \$45.00.
BOSTON WARD. Dark Pink.	Per 100 \$5.00; per 1000 \$45.00.
CHIEF KOKOMO. Patented, pink variegated on yellow ground.	Per 100 \$12.00; per 1000 \$100.00.
DISCOVERY. New purple-valet novelty.	Per 100 \$12.50; per 1000 \$100.00.
ELEANOR. Light Pink.	Per 100 \$12.50 per 1000 \$100.00.
E. H. WILSON. Scarlet.	Per 100 \$6.00; per 1000 \$50.00.
GIANT LADDIE. An improved Laddied, little deeper color.	Per 100 \$15.00; per 1000 \$125.00.
GOLDEN WONDER. Yellow variegated.	Per 100 \$7.00; per 1000 \$60.00.
GREAT HEART. Deep pink (patented).	Per 100 \$20.00; per 1000 \$150.00.
IVORY. White.	Per 100 \$5.00; per 1000 \$15.00.
JOAN MARIE. White (patented).	Per 100 \$10.00; per 1000 \$90.00.
JOHNSON'S CRIMSON. Crimson.	Per 100 \$6.00; per 1000 \$50.00.
KING CARDINAL. Patented. A very fine promising rich deep scarlet.	Per 100 \$12.00; per 1000 \$100.00.
LADDIE. Light pink.	Per 100 \$10.00; per 1000 \$90.00.
MAINE SUNSHINE. Yellow.	Per 100 \$7.00; per 1000 \$60.00.
MAYTIME. Sim's light pink. Delivery January 1938.	Per 100 \$15.00; per 1000 \$125.00.
MELLO PINK. Pleasing peach pink.	Per 100 \$18.00; per 1000 \$150.00.

## PLANTS AND ROOTED CUTTINGS

### CARNATIONS—Continued

MINA BRENNER. Light pink.	Per 100 \$5.00; per 1000 \$45.00.
MY LOVE. Dark pink.	Per 100 \$6.00; per 1000 \$50.00.
NEW DEAL WARD. An improvement over the old Ward in color and quality.	Per 100 \$7.50; per 1000 \$60.00.
OCEAN SPRAY. White.	Per 100 \$6.00; per 1000 \$50.00.
OPAL. Patented. Purple variegated.	Per 100 \$12.00; per 1000 \$100.00.
ORCHID BEAUTY. Novelty, Pelargonium shading reddish purple to mellow pink.	Per 100 \$17.50; per 1000 \$150.00.
ORANGE WONDER. Orange apricot color, sport of Golden Wonder.	Per 100 \$12.00; per 1000 \$100.00.
PATRICIAN. White.	Per 100 \$5.00; per 1000 \$45.00.
PINK TREASURE. Patented. Fine shade of medium pink.	Per 100 \$20.00; per 1000 \$150.00.
POTENTATE. Deep purple.	Per 100 \$8.00; per 1000 \$75.00.
RICE'S IMPROVED MATCHLESS. White.	Per 100 \$5.00; per 1000 \$45.00.
ROSE CHARM. Patented. Pink. Briarcliff Rose color.	Per 100 \$12.00; per 1000 \$100.00.
SAGAMORE. New orange variegated novelty.	Per 1100 \$12.50; per 1000 \$100.00.
SATELLITE. Scarlet.	Per 100 \$6.00; per 1000 \$50.00.
SCARLET MONARCH. Scarlet.	Per 100 \$8.00; per 1000 \$75.00.
SENATOR. White.	Per 100 \$5.00; per 1000 \$45.00.
SPECTRUM SUPREME. Scarlet.	Per 100 \$6.00; per 1000 \$50.00.
TRIUMPH. Light pink.	Per 100 \$8.00; per 1000 \$75.00.
VARIEGATED MY LOVE. White variegated.	Per 100 \$8.00; per 1000 \$75.00.
VIVIAN. Medium deep pink.	Per 100 \$5.00; per 1000 \$45.00.
WHITE MY LOVE. White. Limited supply.	Per 100 \$12.00; per 1000 \$100.00.
WHITE VARIEGATED. Sport of Golden Wonder, like variegated Eldora.	Per 100 \$12.00; per 1000 \$100.00.
WOBURN. Crimson.	Per 100 \$7.50; per 1000 \$60.00.

### CHERRIES

RED or YELLOW, Selected Strain	2 1/4" pots 100 \$6.00; 1000 \$50.00.
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### CHRYSANTHEMUMS

For complete list of greenhouse varieties with flowering dates, send for our special 'Mum catalog.

### CINERARIAS

SEMI DWARF MIXED, MULTIFLORA NANA, POTS-DAM, CREMER'S PRIZE STRAIN, STELLATA	2 1/4" pots 100 \$6.50; 1000 \$60.00.
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### COLEUS

#### ALL STANDARD VARIETIES

Rooted Cuttings 100 \$1.75; 1000 \$15.00.

#### BRILLIANCY

Rooted Cuttings 100 \$3.00; 1000 \$25.00.

#### CRASSULA ARBORESCENS (Jade Plant)

Unrooted, rooted, and plants in all sizes, send for special prices.  
2 1/4" \$7.00 per 100.

#### CUPHEA (Cigar Plant)

Rooted cuttings 100 \$1.50; 1000 \$12.00.  
2 1/4" pots 100 \$4.00.

### CYCLAMEN

#### SEEDLINGS. BINNEWEIS STRAIN

(Transplanted ready to pot)

100 \$4.00; 1000 \$35.00.

TWICE TRANSPLANTED 3 to 5 leaves

100 \$6.00; 1000 \$50.00.

TWICE TRANSPLANTED 5 to 8 leaves

100 \$8.00; 1000 \$75.00.

READY IN APRIL and later 2 1/4" pots \$12.00 per 100

READY IN MAY 3" pots \$15.00 to \$20.00 per 100

#### CYPERUS (Umbrella Plant)

2 1/4" pot \$6.00 per 100.

#### DAHLIAS (Roots and 2 1/4 in.)

In best cut flower varieties. Write for prices.

2 1/4" pots—Write for prices.

EASTER GREETING Pure white Cactus type. Especially recommended for forcing as a desirable pot plant for Easter. 2 1/4" pots 25 for \$7.00; 50 for \$13.50; \$25.00 per 100. April delivery.

Flower outside this summer, and then pot tubers in late Fall for Easter Pot Plant.

### DAISIES

#### NICHOLSON WHITE, BOSTON YELLOW

Rooted Cuttings 100 \$3.50; 1000 \$30.00.

2 1/4" pots 100 \$6.00; 1000 \$55.00.

#### BLUE AGATHEA CEOLESTIS

2 1/4" pots 100 \$7.00.

#### ELDER'S NEW GIANT WHITE (Elder's Improved)

Ready for shipment early September.

Grown extensively throughout the west for Memorial Day sales.

Plants, strong divisions

2 1/4" pots Doz. \$1.50; 100 \$10.00; 1000 \$75.00.

#### DELPHINEUM

Clumps or seedlings at market prices.

We Will Stake Our Reputation on Virginia.

It's the Sweetheart of Carnations.



# PLANTS AND ROOTED CUTTINGS

## DRACAENA INDIVISA

2 1/4" pots 100 \$5.00; 1000 \$45.00.  
3 to 4" pots at market prices.

## DUSTY MILLER

2 1/4" pots 100 \$3.50.

## ECHEVERIA

2 1/4" pots 100 \$4.00.

## ERICA

MEIANTHERA WHITE (Heather)  
Strong 4" \$25.00 per 100; \$200.00 per 1000.

## ERLANGEA TOMENTOSA

2 1/4" pots 100 \$7.00.

## EUPHORBIA JACQUEINEAFLORA

25 for \$2.50; 50 for \$4.50; 100 for \$8.00; \$75.00 per 1000.  
EXICUM AFFIRE.  
2 1/4" 25 for \$2.25; 50 for \$4.00; 100 for \$7.00

## FERNS

BOSTON DWARF, BOSTON, ROOSEVELT, VERONA  
WHITMANII, TEDDY, JR., SCOTII, SCHOELZELI,  
WANNAMAKER

2 1/4" pots 50 \$3.50; 100 \$6.00; 1000 \$55.50.  
TABLE. 2 1/4" for \$2.25; 50 for \$4.00; 100 \$7.00.  
TABLE FERN SEEDLINGS, at market.  
(Moss fern) SELAGINELLA 2 1/4" pots 100 \$10.00.  
SUPERBISSIMA (Fluffy Ruffles) 2 1/4" pot 100 \$10.00.  
BIRD'S NEST 2" at 20c each; 3" at \$5.00 Doz.;  
4" at \$7.00 Doz.

CIBOTIUM SCHIEDEI (King of Ferns)  
3" \$8.50 Doz.; 4" \$12.00 Doz.; 5" \$22.00 Doz.;  
10" \$8.00 each; 12" \$12.00 each.

## FEVERFEW

DOUBLE, WHITE or YELLOW  
Rooted Cuttings 100 \$1.50; 1000 \$12.00.  
2 1/4" pot 100 \$4.00; 1000 \$35.00.

## FICUS ELASTICA

See Rubber Plants

## FORGET-ME-NOTS

IRWIN'S REENHOUSE FORCING. Ready Sept. 1.  
2 1/4" 25 for \$3.50; 50 for \$6.50; 100 for \$12.00.

## FUCHSIA

PRIDE OF ORION, IRWIN'S GIANT PINK, BLACK  
PRINCE and MIXED

Rooted Cuttings 100 \$3.00; 1000 \$25.00.  
2 1/4" pot 100 \$4.00; 1000 \$35.00.

LITTLE BEAUTY and LORD BYRON  
Rooted Cuttings 100 \$3.50; 1000 \$30.00.  
2 1/4" pot 100 \$5.00.

## GARDENIAS

VIETCHII 2 1/4" pot 100 \$15.00; 1000 \$140.00.  
3" at \$25.00 per 100.

## GENISTA

MENTOR 3" \$1.50 per Doz.; \$12.00 per 100.  
4" \$4.00 per Doz.; \$30.00 per 100.

## GERANIUMS

Rooted Cuttings 1000 \$25.00 to \$35.00.  
2 1/4" pot 1000 \$40.00 and up.

PALMIER'S IMPROVED RICARD

PALMIERS SUPER SUPREME  
2 1/4" pot \$8.00 per 100; \$75.00 per 100.

## GERBERA

Very Choice Strain

	Per 100	Per 1000
Seedlings .....	\$1.50	\$10.00
Seedlings Transplanted .....	2.00	15.00
2 1/4" Pot Grown .....	6.00	50.00
Field Grown Single Divisions.....	6.00	50.00
Three Eyed Plants .....	12.00	

## GYPSOPHILA

BODGERI (New) Grafted, Everblooming Double. Resem-  
bles Bristol Fairy. Color flesh pink then turns white, 2 1/4 in.  
plants will flower in six weeks after planting. It flowers all  
summer and cut 12 inch stems. A valuable novelty. Delivery  
March and later. Per 100

2 1/4 in. pot grown 25 for \$4.25; 50 for \$8.00 \$15.00

BRISTOL FAIRY (Grafted)  
2 1/4" pot 100 \$12.00; 1000 \$100.00.  
Field Grown. See Perennial List.



NEW GYPSOPHILA BODGERI

# PLANTS AND ROOTED CUTTINGS

HEATHER—See Erica.

## HELIOTROPE

### TRUE ROYAL FRAGRANCE

Rooted Cuttings 100 \$2.50; 1000 \$20.00.  
2 1/4" pot 100 \$7.00; 1000 \$60.00.

### MME. BUSHINGER (Gt. Dark Blue)

Rooted Cuttings 100 \$3.50; 1000 \$30.00.  
2 1/4" pot 100 \$7.00; 1000 \$60.00.

### SWEET

Rooted Cuttings 100 \$2.00; 1000 \$18.00.  
2 1/4" pot 100 \$6.00; 1000 \$50.00.

### ELSA Giant Dark Blue

Rooted Cuttings 100 \$4.00; 1000 \$35.00.

### CENTEFLEUR Dark Sweet

2 1/4" pot 100 \$7.00.

### FLO. NIGHTINGALE Bright Lavander

2 1/4 pot 100 \$7.00.

### SNOW WREATH Pure White, Very Sweet

2 1/4" pot 100 \$7.00.

## HIBISCUS

CHINESE PEACHBLOW Double 2 1/4" pots 100 \$7.50.

## HYDRANGEAS

Rooted Cuttings—ready April and May.

2 1/4" Plants—ready May, June and July.

M. BAARDSE, MEIN LIEBLING, E. MOUILLERE  
FREYA, NEIDERSACHSEN, M. FOCH, SPRING AWAK-  
ENING, GERTRUDE GLAHN

Rooted Cuttings 100 \$6.00; 1000 \$55.00.  
2 1/4" plants 100 \$8.00; 1000 \$75.00.

AMI PASQUEER, GISELHER, MERVILLE, LAFAYETTE,  
ROSABELLE, DEUTSCHLAND

Rooted Cuttings 100 \$8.00; 1000 \$70.00.  
2 1/4" plants 100 \$10.00; 1000 \$90.00.

For our best commercial varieties, write for prices.

## FRENCH VARIETIES

OTAKSA, E. G. HILL, AVALANCHE WHITE, MME.  
E. MOUILLERE WHITE, MOUSSELINE BLUE, MME.  
CHAUTARD, LORELEY DEEP ROSE, RHEINGOLD  
CARMINE PINK 2 1/4" 100 \$8.00; 1000 \$75.00.  
LAMARNE 2 1/4" 100 \$10.00.

## ICE PLANT

LARGE PINK 2 1/4" 100 \$6.00; 1000 \$50.00.

## IMPATIENS SULTANI

HOLSTII. Bright Vermillion 2 1/4" 100 for \$6.00.  
2 1/4" 100 \$6.00.

PINK BEAUTY, Salmon Pink, purple eye 2 1/4" 100 \$6.00.

## IRIS

German, Japanese, etc. Write for prices.

## IVY ENGLISH

Extra strong cuttings, 8 to 10 inches tall, rooted in sand and  
peat. Ready now and until Spring.

100 \$2.00; 1000 \$13.50; 5000 lots at \$12.50 per 1000;  
10,000 lots at \$11.50 per 1000.

2 1/4", 3" and 4" pot grown, write for prices.

HAHN'S SELF-BRANCHING Considered the most popular  
Ivy today. Rooted Cuttings 1000 \$25.00.

2 1/4" 100 \$10.00; 1000 \$80.00; 3" 100 \$25.00.

4" 100 \$35.00; 5" 100 \$50.00.

## IVY—Continued

GRAPE IVY or VITIS 2 1/4" 100 \$10.00; 1000 \$80.00.  
4" 100 \$35.00.

ALBANY DWARF TREE. Its uniqueness has made it a  
great hit. Fine for dishes. 3" 100 \$15.00.

### VARIEGATED. HAGENBURGER'S

Rooted Cuttings 100 \$4.00; 1000 \$35.00.  
2 1/4" 100 \$8.00; 1000 \$75.00.

### JAPANESE MINIATURE

Rooted Cuttings 100 \$5.00; 1000 \$45.00.

### ENGLISH MINIATURE LEAVED

Rooted Cuttings 100 \$3.50; 1000 \$30.00.

## KALANCHOE GLOBULIFERA

COCCINEA 2 1/4" 100 \$7.00; 1000 \$60.00.

## KUDZU VINE

JACK-AND-THE-BEAN-STALK. Most rapid growing vine  
known of. 2 1/4" 100 \$7.00; 1000 \$65.00.

## LANTANAS

LANTANAS 2 1/4"		Per 100	Per 1000
following varieties, new . . . . .		\$7.00	\$65.00
Dwarf Beauty	Golden Plume		
Delicatissima	Sensation		

LANTANAS 2 1/4", following varieties	6.00	50.00
Cragi	Michael Schmidt	
Dwarf Bronze	Radiation	
Golden Queen	Southern	
La Pleur d'Or	Tethys	
Aurora	Jacob Schultz	
Alba Perfecta	Weeping	
Comte de Biencourt		

Rooted Cuttings, Mixed Varieties . . . 2.50 20.00

## LEMON VERBENAS

2 1/4" 100 \$5.00; 1000 \$45.00.

## MARIGOLD

LIEB'S. A very attractive novelty. Fine for cut flowers and  
a wonderful keeper. Strong plants 100 \$6.00; 1000 \$50.00.

LIEB'S WINTER SUNSHINE. Deep orange yellow sport,  
novelty 1935, replaces Calendula, as it keeps perfectly over  
a week. Plants ready for bench now till March.

100 \$8.00; 1000 \$65.00.

## MUMS

Send for "Mum" Catalog.

## MYRTLE—(Hardy)

Strong Field Clumps 100 \$8.00; 1000 \$75.00.

## NEPHTHYTIS

LIBERICA (Chinese Evergreen)

Well rooted, 5 to 6 leaves, 100 \$7.50; 1000 \$65.00.

PICTURATA Variegated. A beautiful novelty. Same habits  
as above. It sells on sight. Small plants, 2 to 3 leaves,

100 \$8.00; 1000 \$75.00.

Small Cuttings or Joints, 100 \$5.00; 1000 \$45.00.



## PLANTS AND ROOTED CUTTINGS

## NEUREMBERGIA

AZUREA (Blue Flat). Fine for window boxes, and hanging baskets. Ever blooming, sky-blue, bell-shaped flowers.  
2" 100 \$8.00; 50 for \$4.50; 25 for \$2.50.

## OLEANDERS

CRIMSON QUEEN, Double Yellow, ROSEA, LILLIAN  
HENDERSON 2 1/4" 100 \$7.50.

## PACHYSANDRA TERMINALIS

(GROUND COVER)

Rooted Cuttings 100 \$4.50; 1000 \$40.00.  
2 1/4" 100 \$7.00; 1000 \$65.00.

## PANDANUS VEITCHII

6 to 8" Rooted Cutting 100 \$5.00; 1000 \$45.00.  
10 to 14" Rooted Cutting 100 6.00; 1000 50.00.  
15 to 18" Rooted Cutting 100 7.00; 1000 65.00.

## PELARGONIUMS

Standard Varieties

Easter Greeting, Edith North, Springtime, Pride of Quedlinburg, Lucy Becker, Wurtembergia, Swabian Maid, Mrs. Loyal, German Glory, Gardener's Joy, Lavender Queen, Diener's Giant, The Princess, Beautiful, Wolfgang, Goethe, Prince Bismark, Orchid Edith North.

Size	Per Dozen	Per 100	Per 1000
Rooted Cuttings	\$ .90	\$ 6.00	\$ 55.00
2 inch	1.20	8.00	75.00
3 inch	1.60	11.00	100.00
4 inch	2.50	18.00	165.00

## NEW VARIETIES

RECENT VARIETIES FROM CARL FAISS,  
GERMANY

MARIE VOGEL Red, shaded with salmon, with dark blotches on upper petals.

KARMINKOENIGEN Cerise or carmine red.

GROSSMAMA FISCHER Clear dark salmon.

FAISS, TRIUMPH Light salmon pink color with white throat.

NEUHEIT C. FAISS Lavender with deep purple blotches on each petal.

FIUHLINGSZAUBER Flowers white with pink tint on outer part of petals.

## NEW AMERICAN VARIETIES

AZALEA Rosy Red.

CHICAGO MARKET Lavender pink flowers with deeper color in throat.

## PRICES FOR ABOVE NEW VARIETIES

Size	Per Dozen	Per 100	Per 1000
Rooted Cuttings	\$1.25	\$ 8.00	\$ 75.00
2 inch	1.50	10.00	90.00
3 inch	2.00	13.00	120.00
4 inch	3.00	20.00	185.00

Six at dozen rate, 25 at 100 rate, 250 at 1000 rate.

## PEONY ROOTS

Write for prices.

## PEPEROMIA OBTUSIFOLIA

2 1/4" 100 \$7.00; 1000 \$65.00.

## PERENNIALS

(See Page 30)



## PETUNIAS

## DOUBLE

The following Rooted Cuttings 100 \$2.50; 1000 \$20.00.  
2 1/4" 100 \$5.00; 1000 \$45.00.

DOUBLE WHITE, GIANT PURPLE, LAVENDER LADY,  
ROSY MORN, PINK BEAUTY, MIXED.

All other varieties, Single and Double, at Market.

## PHILODENDRON CORDATUM

## PHILODENDRON CORDATUM

2 1/4" 100 \$7.00; 1000 \$60.00.  
VARIEGATED (Pothos) 2 1/4" 100 \$7.00; 1000 \$60.00.

## PLUMBAGO CAPENSIS

BLUE OR WHITE 2 1/4" 100 \$6.50.

## POINSETTIA STOCK PLANTS

RUTH ECKE (New) An Improved Oak Leaf, brighter red and more pliable, can be grown cooler.

\$30.00, \$50.00, \$75.00 per 100  
The following varieties are sold at \$15.00, \$25.00, 35.00, 45.00; Oversize Plants @ \$50.00 per 100.

Oak Leaf Mrs. Paul Ecke St. Louis  
Henrietta Ecke (Double) Improved Henrietta Ecke (Double)  
True Red Barbara Ecke Hollywood White Pink  
Above prices are F.O.B. N.Y., Boston, Phila., Chicago, Pittsburgh providing order is placed before MARCH 15.  
2 1/4" ready July and later \$8.00 per 100; \$75.00 per 1000.

**A Real Novelty**  
**LIEB'S MARIGOLD**



## PLANTS AND ROOTED CUTTINGS



POINSETTIA

See Page 27

### PRIMULA

OBCONICA. Fasbender Strain 2 1/4" 100 \$7.00; 1000 \$60.00.  
 OBCONICA. Mohnstein 2 1/4" 100 \$7.00; 1000 \$60.00.  
 OBCONICA in the following separate colors:  
 ALBA NOVA (new), APPLE-BLOSSOM, CEORULEA  
 BLUE, SALMONEA, VIOLACEA, SALMON QUEEN,  
 2 1/4" 100 \$7.00; 1000 \$60.00.  
 MALACOIDES ERIKSSONII, BABY ROSE, NEW BABY,  
 WONDER BABY, 2 1/4" 100 \$7.00; 1000 \$60.00.  
 CHINENSIS, DEFIANCE, LA-DUCHESSE, MORNING  
 DAWN, HENRY BLUE, SEDINA.  
 2 1/4" 100 \$7.00; 1000 \$60.00.

### ROSES

#### New Baby Rock Rose

A real novelty for the Rock Garden producing small double dark pink flowers all summer. It is ever blooming and hardy in the East. This Rose will sell on sight. Grows 8 to 12" tall. Strong 2 1/2" plants, 25 for \$3.50; 50 for \$6.00; 100 for \$12.00.

#### ROSES—FIELD GROWN, 2 years old

HYBRID TEAS in most varieties  
 10 \$3.00 to \$4.00; 100 \$25.00 to \$30.00.  
 BABY RAMBLERS, most varieties  
 10 \$2.50 to \$3.00; 100 \$20.00 to \$25.00.  
 CLIMBING VARIETIES  
 10 \$2.00 to \$2.50; 100 \$15.00 to \$20.00.  
 HYBRID PERPETUAL  
 10 \$3.00 to \$4.00; 100 \$25.00 to \$28.00.  
 2 1/4" Own Root of all above for Spring Planting, from \$5.50 to \$10.00 per 100.  
 ROSES. Grafted. 2 1/4" for Greenhouse Forcing. In all varieties. Grown by Specialists. Let us quote you.

### RUBBER PLANTS

(FICUS) MOSS rooted cuttings ready to pot in 4 or 5 inch pots 100 \$12.00; 1000 \$110.00.  
 FICUS. DOECHERI. New variegated Rubber plant. Strong rooted layers from now until Spring. Ready for 4 to 5 inch pots 25 \$8.00; 50 \$14.00; 100 \$26.00; F. O. B. New York.

### SAGE

HOLTS MAMMOTH 2 1/4" 100 \$6.00.

### SAINTPAULIA

THE AFRICAN VIOLET 2 1/4" 100 \$12.00.  
 BLUE BOY (Novelty) 2 1/4" and 3". Write for prices.

### SALVIA

In all varieties. R. C. and 2 1/4" at market.

### SANSEVIERIA ZEYLANICA—Green

LAURENTII. Variegated. In all sizes. Let us quote you.

### SANTOLINAS

Rooted Cuttings 100 \$2.50; 1000 \$20.00.

### SAXIFRAGA—(Strawberry Geranium)

2 1/4" 100 \$6.50.

### SMILAX

2 1/4" 100 \$4.00.

### SNAPDRAGON

2 1/4". All best greenhouse commercial varieties. Ready June and later. At market price.

### STEVIA

Ready May 1st and later. Single, Double, Half Dwarf and Variegated. Rooted Cuttings 100 \$2.50; 1000 \$20.00.

### SUCCULENTS

In All Varieties. Cactus, etc. Send for our Special Catalog with prices on Rooted Cuttings and 2 1/4".

### SWAINSONIA ALBA

Rooted Cuttings 100 \$2.50; 2 1/4" 100 \$6.00.

### TRADESCANTIA (Wandering Jew)

Tricolor Red, White and Green, Plain Green.  
 Rooted Cuttings 100 \$1.50; 1000 \$12.50.

### VERBENAS

Finest strain obtainable. The following at  
 Rooted Cuttings 100 \$2.50; 1000 \$20.00.  
 2 1/4" 100 \$5.00; 1000 \$45.00.

BEAUTY OF OXFORD, Cerise; BEAUTY OF OXFORD, Pink; MAYFLOWER; HELEN WILMOTT, IMP., Salmon Pink; COMET, Solid Crimson Red; PURPLE PRINCE, Solid Purple. No eye; ROYAL PURPLE, Purple with eye; SCARLET KING, Red with eye; LAVENDER GLORY, Lavender with eye; DELTA, Solid Lavender; ALBA GIGANTEA, Pure White.

### VINCAS

Well Variegated. 3 and 4" at market.  
 Rooted Cuttings 100 \$1.75; 1000 \$15.00.  
 2 1/4" 100 \$5.00; 1000 \$45.00.

Field Clumps ready Fall.

### VITIS RUBIFOLIA

For prices see Ivy.



## SEEDLINGS AND TRANSPLANTED PLANTS

AGERATUM—Dwarf Blue Star.	100 \$.60; 1000 \$5.00.
ALYSSUM—Dwarf Gem	100 \$.50; 1000 \$4.00.
AMARANTHUS—(Joseph's Coat)	100 \$.60; 1000 \$5.00.
ASPARAGUS—Plumosus or Sprengeri	100 \$1.25; 1000 \$9.00.
ASTERS—Queen of the Market, Royal, Sunshine, Semples Late Branching. Separate colors in all above varieties. Transplanted	100 \$.60; 1000 \$5.00.
BEGONIAS—Prima Donna, Luminosa and Erfordia. Transplanted	100 \$1.15; 1000 \$9.50.
CANDYTUFT—Empress.	100 \$.60; 1000 \$5.00.
CARNATION—Late Double Flowering, Everblooming.	100 \$.60; 1000 \$5.00.
CELOSIA—Plumosa.	100 \$.60; 1000 \$5.00.
CLARKIA—Double Mixed	100 \$.60; 1000 \$5.00.
CLEVELAND CHERRIES—Red or Yellow.	100 \$.60; 1000 \$5.00.
CORNFLOWER—Double Blue.	100 \$.60; 1000 \$5.00.
COBEA—Scandans	100 \$.85; 1000 \$7.00.
DAISIES—Bellis Monstrosa. Pink and White.	100 \$.60; 1000 \$5.00.
DELPHINIUM—Belladonna and Bellamosa, Giant English Hybrids	100 \$.75; 1000 \$6.00.
Transplanted Plants	100 \$1.75; 1000 \$13.50.
DUSTY MILLER (Gymnocarpa)	100 \$.60; 1000 \$5.00.
FEVERFEW—Double White—Rooted Cuttings	100 \$1.50; 1000 \$12.00.
Transplanted Plants	100 \$2.50; 1000 \$20.00.
GOMPHRENA—Dwarf Red (fine for border)	100 \$.60; 1000 \$5.00.
LARKSPUR—Double pink, Blue and White	100 \$.60; 1000 \$5.00.
LOBELLA—Crystal Palace Compacta, Trailing, Dwarf Blue Stone (new)	100 \$.60; 1000 \$5.00.
MARIGOLD—Large double Orange Ball (cut flower)	100 \$.60; 1000 \$5.00.
PETUNIAS—100 per cent Double Dwarf, Giant Fringed.	100 \$1.75; 1000 \$13.50.
Transplanted	100 \$2.50; 1000 \$20.00.
PETUNIAS—Double Royal Purple Dwarf, 50 per cent double.	100 \$1.25; 1000 \$10.00.
Transplanted	100 \$1.75; 1000 \$13.50.
PETUNIAS—Dwarf California Giants, Pink Glory, Royal Blue, and Giant Monsters Mixed.	100 \$1.25; 1000 \$10.00.
Transplanted	100 \$1.75; 1000 \$13.50.
PETUNIAS—Rosy Morn, Rose of Heaven, Balcony Blue, Dwarf Blue Bird, Mikado (spotted blue and white), Howard Star and Cockatoo	100 \$.60; 1000 \$5.00.
Transplanted	100 \$1.25; 1000 \$10.00.
PHLOX—Drummond and Cecily.	100 \$.60; 1000 \$5.00.
Transplanted Drummond	100 \$1.75; 1000 \$13.50.
SALVIA—Bonfire and Zurich	100 \$.60; 1000 \$5.00.
Transplanted	100 \$1.75; 1000 \$13.50.
SALPIGLOSSIS—Mixed.	100 \$.60; 1000 \$5.00.
SCABIOSA—Mixed.	100 \$.60; 1000 \$5.00.



ASTER—Wilt Resistant.

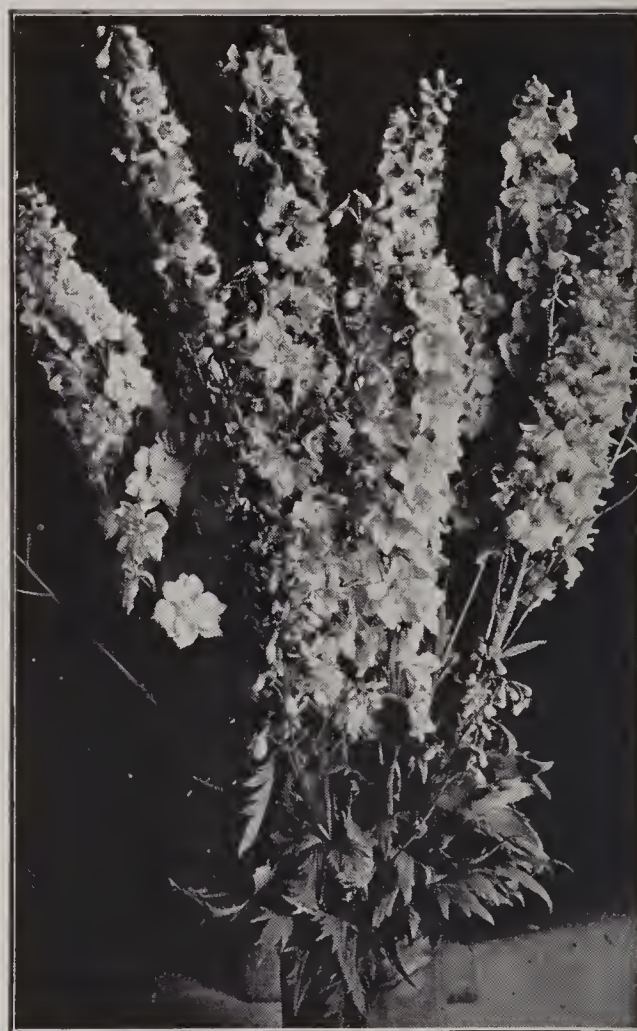
SNAPDRAGON—Finest Mixed.	100 \$.60; 1000 \$5.00.
SNAPDRAGON—Ceylon Court, Orlando, Philadelphia Pink, Ketstone, Phelps Yellow, White Rock.	100 \$.60; 1000 \$5.00.
Transplanted Plants	100 \$2.00; 1000 \$18.50.
STOCKS—Improved Bismark, pink, white and lavender	100 \$.75; 1000 \$6.00.
Transplanted	100 \$1.75; 1000 \$15.00.
THUMBERGIA	100 \$.85; 1000 \$7.00.
TORENIA—Fournieri.	100 \$.60; 1000 \$5.00.
VERBENA—Beauty of Oxford	100 \$.85; 1000 \$7.00.
VERBENA—Defiance Red and Giant Mixed	100 \$.60; 1000 \$5.00.
VINCA—Rosea and Alba.	100 \$.60; 1000 \$5.00.
Transplanted Plants	100 \$1.75; 1000 \$15.00.
ZINNIAS—Giant Dahlia Flowering.	100 \$.60; 1000 \$5.00.
ZINNIAS—Double Lilliput	100 \$.60; 1000 \$5.00.
Transplanted Plants of the above, except where noted.	100 \$1.50; 1000 \$12.00.
GOLDEN PRIVET—One year old.	100 \$6.00.
ASPARAGUS ROOTS—Mary Washington, two year old.	1000 \$6.00.
One year old.	1000 \$5.00.
CAULIFLOWER—Early Snowball Seedlings	100 \$.75; 1000 \$5.00.
CELERY—Golden Blanching, Easy Blanching, Winter Queen.	100 \$.50; 1000 \$3.00.
	\$10.00 for 5,000; \$18.50 for 10,000.
EGGPLANT—New York Purple	100 \$.75; 1000 \$5.00.
Transplanted Plants.	100 \$1.25; 1000 \$10.00.
PEPPER PLANTS—In best varieties.	100 \$.50; 1000 \$4.00.
TOMATO PLANTS—In leading varieties.	100 \$.25; 1000 \$2.00.



## PERENNIALS—Best Varieties for Florists' Cut Flower Use

ACHILLEA PERRY'S WHITE	10 \$1.00; 100 \$7.00.
ACHILLEA THE PEARL	10 \$1.00; 100 \$7.00.
ANTHEMIS TINCTORIA NEW HYBRIDS	10 1.50; 100 \$10.00.
AQUILEGIA BEES HYBRIDS	10 \$1.50; 100 \$10.00.
AQUILEGIA MRS. SCOTT ELLIOTT HYBRIDS	10 \$1.50; 100 \$10.00.
ARMERIA CEPHALOTES RUBRA	10 \$1.50; 100 \$10.00.
ARTEMESIA GLOBIFOLIA	10 \$1.50; 100 \$10.00.
ARTEMESIA LACTIFLORA	10 \$1.25; 100 \$8.00.
ARTEMESIA SILVER KING	10 \$1.25; 100 \$8.00.
BAPTISIA AUSTRALIS	10 \$1.00; 100 \$7.00.
BUDDLEIA ILE DE FRANCE, BUDDLEIA SUPERBA,	
BUDDLEIA WILSONI. All varieties 2 1/4" pot plants	10 \$1.50; 100 \$10.00; 1000 \$75.00.
CAMPANULA MEDIA BLUE, ROSE AND WHITE	10 \$.85; 100 \$6.00.
CARNATION IMPROVED CRIMSON KING	10 \$2.00; 100 \$15.00.
CHEIRANTHUS ALLIONI	10 \$1.00; 100 \$7.00.
PENSTEMON BARBATUS TORREYI	10 \$1.00; 100 \$7.00.
SHASTA DAISY ALASKA	10 \$1.00; 100 \$7.00.
EARLY ELDER DAISY	10 \$1.00; 100 \$7.00.
DAISY ETOILE DE OR	10 \$1.50; 100 \$10.00.
DAISY DOUBLE WHITE SWAN	10 \$2.50; 100 \$20.00.
COREOPSIS AURICULATA SUPERBA	10 \$1.00; 100 \$7.00.
COREOPSIS LANCEOLATA GRANDIFLORA	10 \$1.00; 100 \$7.00.
DELPHINIUM BELLADONNA	10 \$1.00; 100 \$7.00.
DELPHINIUM BELLAMOSA	10 \$1.00; 100 \$7.00.
DELPHINIUM BLACKMORE and LANGDON HYBRIDS	10 \$1.50; 100 \$10.00.
DELPHINIUM CHINESE BLUE	10 \$1.00; 100 \$7.00.
DELPHINIUM CAMBRIDGE BLUE	10 \$1.50; 100 \$10.00.
DIGITALIS GLOXINEAFLORA ALBA	10 \$1.00; 100 \$7.00.
DIGITALIS GLOXINEAFLORA PURPUREA	10 \$1.00; 100 \$7.00.
DIGITALIS GLOXINEAFLORA ROSEA	10 \$1.00; 100 \$7.00.
ERIGERON SPECIOSUS HYBRIDS	10 \$1.25; 100 \$8.00.
EUPATORIUM COELESTINUM	10 \$1.00; 100 \$7.00.
GAILLARDIA GRANDIFLORA	10 \$1.00; 100 \$7.00.
GAILLARDIA MAGNIFICENT	10 \$2.00; 100 \$15.00.
GYPSOPHILA ACUTIFOLIA	10 \$1.00; 100 \$7.00.
GYPSOPHILA PACIFICA	10 \$2.00; 100 \$15.00.

GYPSOPHILA BRISTOL FAIRY. Strong established plants.	3" pot 10 \$2.50; 100 \$20.00.
HELIOPSIS DOUBLE LEMOINE	10 \$2.00; 100 \$15.00.
HELIOPSIS PITCHERI	10 \$1.00; 100 \$7.00.
HEUCHERA BRIZOIDES	10 \$1.50; 100 \$10.00.
HEUCHERA PLUIE DE FEU	10 \$2.00; 100 \$15.00.
LIATRIS PYCHOSTACHYA	10 \$1.00; 100 \$7.00.
LIATRIS SCARIOSEA EARLY	10 \$1.50; 100 \$10.00.
LIATRIS SCARIOSEA LATE	10 \$1.50; 100 10.00.
LUPINE POLYPHYLLUS BLUE, ROSE AND WHITE	10 \$1.50; 100 \$10.00.
MATRICARIA DOUBLE WHITE (same as Golden Ball only white)	10 \$1.00; 100 \$7.00.
MATRICARIA GOLDEN BALL	10 \$1.00; 100 \$7.00.
PHYSOSTEGIA VIVID	10 1.00; 100 \$7.00.
PYRETHRUM ROSEUM	10 \$1.00; 100 \$7.00.
STATICE DUMOSA	10 \$2.00; 100 \$15.00.
STATICE LATIFOLIA	10 \$1.50; 100 \$10.00.
VIOLET PRINCE OF WALES	10 \$1.50; 100 \$10.00.



DELPHINIUM, Blackmore and Langdon Hybrids

LET US QUOTE YOU  
ON OTHER  
PERENNIALS



STAPLE ITEMS FOR THE GROWER

PAPER POTS (Bird's Neponset)

Red Pots for shipping, etc. Green Pots for growing.



2"	14 lbs.	1000	\$ 2.30	\$ 5.25
2 1/4"	16 lbs.	1000	2.50	5.50
2 1/2"	22 lbs.	1000	2.70	6.00
3"	28 lbs.	1000	3.25	7.00
3 1/2"	39 lbs.	1000	4.25	8.75
4"	26 lbs.	500	5.25	9.75
5"	44 lbs.	500	9.00	14.00
6"	62 lbs.	500	10.50	18.75

NEPONSET PLANT BANDS



2 inch	Weight 17 lbs.	\$2.20 per 1000
2 inch	Weight 17 lbs.	\$3.00 per 1000

Above prices f.o.b. New York or Boston  
Special discount for quantity orders

Less 5 per cent Cash with Order  
Orders filled in carton lots only

JAPANESE BAMBOO CANES



	1000	2000
1 1/2 ft. long, dyed green	\$1.50	\$2.75
2 ft. long, dyed green	1.75	3.40
2 1/2 ft. long, dyed green	2.25	4.25
3 ft. long, dyed green	3.00	5.50
3 1/2 ft. long, dyed green	3.50	6.50
4 ft. long, dyed green	4.50	8.00
5 ft. long, dyed green	6.50	12.00
6 ft. long, dyed green	8.00	15.00
6 ft. long, natural	7.50	13.50

CHINESE HEAVY TONQUINS

For Dahlias, small trees, etc., more durable than wooden or Japanese Bamboo. In all sizes from 3 ft. to 9 ft. long. Diameter from 3/8 to 1/4 in., 5/8 to 3/4 in., 3/4 to 7/8 in., 7/8 to 1 in. Let us quote you.

SPLIT BAMBOO HYACINTH STICKS,  
GREEN DYED

Much stronger than the old fashioned brittle sticks.  
12 in., 1000 \$1.00; 15 in., 1000 \$1.20; 18 in., 1000 \$1.40;  
24 in., 1000 \$1.75.

FERTILIZERS, MANURES, AND SOIL BUILDERS

Horn Sawdust. (Raw). Better than shavings. 95 per cent available. Analysis 18 to 19 units ammonia. 50 lb. bag, \$4.75; 175 to 185 lb. bag, \$7.50 per 100 lbs.

Pure Sheep Manure. 100 lbs., \$3.50; 500 lbs., \$16.25; 1000 lbs., \$30.00; 1 ton lots, \$47.50 F.O.B. Massachusetts.

Smith's Mum Manure. \$3.75 per 100 lbs.; 500 lbs. to 2 tons, \$3.50 per 100.

FERTILIZERS  
F.O.B. New York or Jersey City.

IMPORTANT SPECIALTIES

Clay's Fertilizer.  
Bentley's Carnation Manure.  
Bentley's Sweet Pea Manure.  
Bentley's Chrysanthemum Manure.  
Bentley's Vine Manure.  
Powdered Worm Eradicator.  
Scotch Soot.

Universal  
ACID PLANT FOOD  
6-15-4

A complete food for Gardenias, Azalea, Heather, Rhododendrons, and other plants requiring acid food. 50 lbs., \$3.50; 100 lbs., \$5.00. F. O. B. Lynn, Mass.  
Less than 50 lbs. at 10c per lb.  
Directions with order.

America's Finest Plant Food  
ELECTRA  
Growers tell us it is better than Imported Fertilizer.  
4-9-3  
HIGH ORGANIC  
Fast Safe Complete  
Price: 50 lbs., \$4.00; 100 lbs., \$6.75;  
less than 50 lbs., 10c lb.  
Directions with order.

# INSECTICIDES AND DISINFECTANTS

All Prices on This Page Are Subject to Change Without Notice

**Agri-Pax.** Kills Japanese Beetle, Rose Beetles, Aphis, Thrips, etc., splendid spray for Dahlias. Gal. \$4.00; 5 gals. \$12.00.

**Aphine.** Destroys green, black, or white fly, and mostly all leaf sucking insects. Gal. \$3.00.

**Black-Leaf 40.** A concentrated solution of nicotine sulphate, an excellent spray for aphis and sucking insects of all kinds. 5 lb. tin \$5.85; 10 lb. tin \$10.15.

**Bordeaux Mixture.** Powder, (Dry). Controls all fungous diseases. Can be either used for dusting or wet spray. 5 lbs. \$1.00.

**Copper Solution.** For rust, blight, mildew, and most leaf diseases. Leading growers endorse it. (Liquid). Qt. \$1.50; Gal. \$4.60.

**Cyanogas.** (Calcium Cyanide). Very effective chemical fumigant. Controls aphis, thrips, white fly, scale, etc. 5 lb. tin, \$3.00; 25 lb. tin, \$10.00.

**Derrisol.** Gal., \$12.00.

**Evergreen.** (New Spray). Non-poisonous. Highly effective against both chewing and sucking insects. Harmless to foliage. Gal., \$10.50.

**Fish Oil Soap.** For mild forms of scale, excellent for greenhouse spraying. Kills lice and sucking insects on all plants. Lb., 30c; 5 lbs., \$1.25.

**Fulex.** Write for particulars.

**Fungtrogen.** For Mildew and Black Spots on Roses or Carnations and Snaps, Mildew on Sweet Peas or Hydrangeas. \$6.00 per gal.

**Fume-Tobac.** Strong fumigating tobacco powder for burning in greenhouses. 25 lbs., \$4.25; 50 lbs., \$7.50; 100 lbs., \$14.00.

**Grape Dust.** For mold, mildew, or rust-mites, either in the greenhouse or open. The application is made by dusting. 5 lbs., \$1.50.

**Insectrogen.** Kills most leaf eating insects such as Worms, Roller, Beetles, etc. on Mums, Snaps, Calendulas, Carnations, Roses, etc. \$8.00 per gal.



**Hitox.** Pt., \$1.75; qt., \$3.00; gal., \$9.00.  
**Lemon Oil.** Gal., \$3.00.

**Lethane.** Kills mealy bug eggs. It insures positive control of the mealy bug and is the only insecticide to date, which will exterminate them. Mix with soap for red spider. Pt., \$4.20; qt., \$6.00.

**Nico-Fume Paper.** This paper is treated with nicotine, and gives off dense fumes of strong nicotine, when ignited. Can of 288 sheets, \$8.00; 144 sheets, \$4.50; 24 sheets, \$1.25, (post-paid, \$1.35).

**Nico-Fume Liquid.** A free nicotine preparation that is used by leading growers for spraying against all leaf sucking insects. 4 lb. tin, \$5.75; 8 lb. tin, \$10.00.

**Nico-Fume Powder.** For fumigating the greenhouse and conservatory. Can, 5 lbs., \$3.35; 10 lbs., \$5.85.

**Nico-Fume Powder.** (Pressure Can). 1 case of 12, 1 lb. cans, \$7.00; single 1 lb. can, 75c; 1 case of 12, ½ lb. cans, \$4.20; single half-pound can, 45c.

**Nico Rote.** Qt., \$4.00; Gal., \$12.00.

**Plantobac.** Finely powdered tobacco dust. Easily applied with gun or sifter. 100 lbs., \$3.00; 500 lbs., \$12.60.

**Powdered Sulphur.** For Carnations, Mums, etc. An excellent mildew remedy. 50 lb. case, 7c lb.; 100 lb. case, 6½c lb.; 250 lb. bbl. 6c lb.

**Red Arrow.** A contact spray fatal to both chewing and sucking insects. One ounce makes four to eight gallons of spray. Qt., \$3.70; gal., \$9.50.

**Rotocide.** A complete spray. Kills thrips, Japanese and Asiatic beetles, and other insects. Non-poisonous. Qt., \$3.00; gal., \$8.00.

**Selocide.** Gal., \$2.75; 5 gals., \$12.00.

**Slug Shot.** For cabbage worms, and all caterpillars and leaf eating insects, and dusting all kinds of plants. 5 lb. pkg., \$1.00.

**Thrip Juice.** For all aphis, red spider, mealy bug, etc. Qt., \$1.25; gal., \$4.80.

**TO-NA-CIDE**  
A powder for sprinkling on, or mixing with the soil in greenhouses, etc. Forms a gas which destroys insects in the soil. Thrips, mealy bugs, wire worms, slugs, etc. Splendid for sprinkling Gladiolus bulbs, Dahlias, etc. 5 lbs., \$1.25; 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$13.00; 200 lbs. or more, \$12.50 per cwt.

**Tobacco Stems.** Ground. We offer these stems ground in six sizes from the finest cut to whole stems. A combination fertilizer and insecticide, low in cost. Ask for samples and quotation.

**Volck.** For scale, red spider, aphis, mealy bug, thrip, etc. \$2.00 per gal.

**Wilson's O K Plant Spray.** Powerful, yet harmless, an efficient spray for roses, chrysanthemums, etc. For greenhouse and general outdoor spraying. Gal., \$3.00; 5 gals., \$12.00.

## Mr. Fritz Bahr Says:

HIGHLAND PARK GREENHOUSES

Dec. 1, 1936.

"We wouldn't think of replacing a bench or groundbed, no matter what it consists of, after the soil has been worked over, without applying a good dose of To-Na-Cide and lightly working the same into the surface. We have found this insecticide by far the most efficient weapon to get rid of and keep under control sowbugs and many other insect pests usually found in soil made use of under glass.

Fritz Bahr, Highland Park, Ill.

## Three Uniform Tobacco Products That Produce Results for the Florist.

No. 1. Fume-Tobac. No. 2. Tobacco Stems Ground. No. 3. Plantobac.

## Other Insecticides, and Descriptive Information

For additional information, ask for our circulars and booklets, which we will gladly send on request.



## Important Information

*Non-warranty.* We endeavor to send out only the very best quality of cuttings, plants, bulbs, seeds, etc., and do our utmost to assure you of stock true to name, although we do not guarantee this. Neither do we in any way guarantee the success of the grower purchasing the stock offered in this catalog. In the event of the stock not being true to name, our liability is limited to the invoice value at the time of shipment. If our goods are not accepted on these conditions, no sale is made thereof and you must return goods at once.

We recommend all shipments to go by express, except very small shipments which can be readily mailed. Claims cannot be collected when cuttings are shipped through the mail, hence we recommend express, because a claim can be entered for damages through delay, etc. We mail small quantities only up to May 1—it is unsatisfactory to mail cuttings when the warm weather sets in.

*Postage.* 100 cuttings, add 15c extra for postage. For each additional 100, add 5c more. For *Special Handling Service* (which we highly recommend), add 25c for each shipment—it's worth while.

*Claims for damages.* You must enter a claim against the express company immediately. According to law, the transportation companies are the agents of the buyer, and when goods are delivered to and accepted by such agencies the shipper's responsibility ceases. We will, however, gladly assist you in making your claim if you advise us.

*Prices.* All prices in this catalog are subject to change without notice.

Unless otherwise quoted we sell 250 of a variety at the 1000 rate. Orders for less than 100 see price table page 1.

*Terms.* 60 days net, less 2% cash in 10 days, or less 3% cash with order. *Postage and express charges* must be paid by the customer.

ROMAN J. IRWIN, INC.

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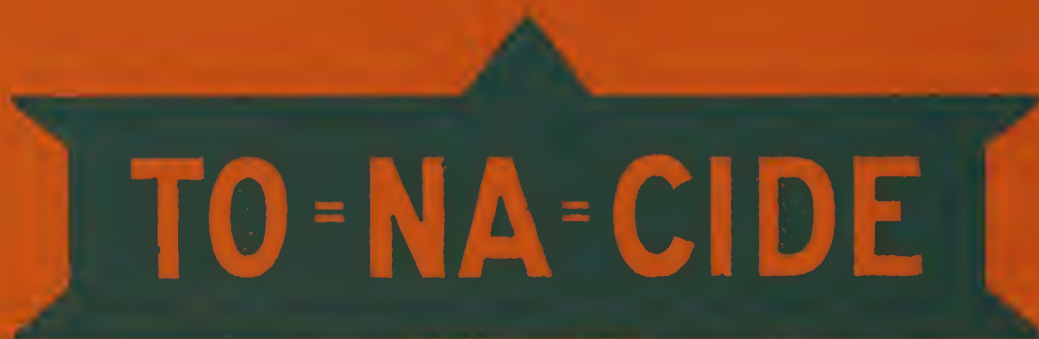
*Valuable information, Easter dates and planting table for cold storage*

*Lilies, See inside front cover.*

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# For GREENHOUSE or GARDEN USE

for  
Mums  
Roses  
Carnations  
Snaps  
Etc.



for  
Gladioli  
Dahlias  
Asters  
Delphiniums  
Etc.

Patent No. 1941055

The best Insecticide to kill insects in the Soil, Thrips, Worms, Grubs, Sowbugs, etc. Also a control for Aphis, White Fly, Mite and Red Spider.

25 pounds will cover 1500 square feet.

Send for Special Circular with directions.

5 pounds	- - - - -	\$1.25	50 pounds	- - - - -	\$ 7.00
10 pounds	- - - - -	2.00	100 pounds	- - - - -	13.00
25 pounds	- - - - -	4.00	200 pounds or more	@ \$12.50 per 100 pounds	

Less 5% for Cash with Order. F. O. B. NEW YORK.

We have hundreds of Satisfied Customers.

**Mr. Fritz Bahr Says:**

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Fritz Bahr, Highland Park, Ill.

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